

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

## Transequatorial Openings Begin

August ushered in frequent openings from Africa to the MidEast and Europe and from South America to the U.S. Gulf states and Europe. In addition, just as the month drew to a close A45ZN in Oman worked into Okinawa and the Marshall Islands, paths north of the geomagnetic equator.

August was a pretty good month for Sporadic E as well with MUFs getting up into the two meter band on occasion. August 1 and 16 were two such occasions in Japan. August 9 and 15 two meters opened in Europe. August 15 two meters opened in the USA.

Then there was the aurora of August 27, with signals being heard as far south as the SF Bay area. W7s & VE's reported 39 signals, but they were scant decibels above the noise here in mid-W6.

W4CLM/mm and W1LP/mm added some spice to the mix, with the former working the mainland from CM08 and BM98 on August 11, and the latter working Es from EK and EJ grid fields and tropo up the coast from otherwise unavailable water grids CM6x, CM7x and CN6x, CN7x. As I write this he is in CM86 on his way to LA, where he will depart September 3rd to the Panama Canal and then the Gulf coast.

## SMIRK Has New URL

While searching at the last minute for SMIRK contest logs, I found that SMIRK is now at <http://www.smirk.org>. Unfortunately the log forms were posted only in binary formats (Word Perfect and Word documents).

## Leonids Shower, November 1998

I thought readers might be interested in the following communication from COMNAVSPACECOM, Dahlgren, VA. Meteor ping jockeys, of course, may pick up some new grids and/or states on 144 MHz. 222 MHz should fare well too. The more adventurous might even try 432 MHz.

Six meter operators should be aware of the increased possibility of wide-spread Sporadic-E due to the deposition of meteor "dust" in the E-region. Said dust consists largely of atoms that are easily ionized and when ionized have a relatively long lifetime (compared to the natural constituents).

1. This message is to heighten your awareness and discuss preparations for the November 1998 and 1999 Leonid meteor storms.
2. Each November, the earth crosses the path of the comet

Temple-Tuttle. As the earth passes through the debris trail from this comet, the Leonid meteor shower occurs. Typically this results in about 15 meteors per hour entering the earth's atmosphere. But, on certain occasions the meteor activity can reach "storm" levels, with thousands of meteors observed per hour. The comet's orbital period is approximately 33 years. This year, and next, will be the most intense meteor storms of the 33 year cycle. The peak period of the meteor activity lasts for a span of two to six hours, and can be fairly accurately estimated. This year's peak is expected on November 17th, approximately 1900 zulu. Little is known about the effects of this increased meteor activity on satellites. The last storm, in 1966, was during a time when the number of satellites in orbit was negligible. Today, the number of active satellites in orbit is over 500.

3. From the period of 171100z-180100z Nov 98 all users of satellite assets should monitor their systems very carefully. This period is six hours prior to and six hours after the expected height of the meteor storm. Any communications anomalies or outages should be addressed through normal channels via immediate message to their servicing satellite asset management centers.

4. Naval space command is currently active in the planning for Leonid meteor storm contingencies. Current plans are to add manning at the satellite operations centers and reduce routine commanding during the meteor shower. These actions will allow for all efforts to be directed toward correcting any satellite anomaly should one occur. Further information will be provided as appropriate. Any questions concerning the Leonid meteor shower can be directed to the poc {point of contact, not applicable for our readers} on this message.

5. Recommend widest distribution of this message to satellite users.

## US DX Clusters With VHF/UHF Spots

Is there a good cluster in the U.S. which give spots for VHF/UHF as well as DX ??

Yes, there are.. many of them. All of the following accept new users via TELNET (at last check), so take your pick:

AC4ET (DXCLUS),	ham.southeast.net
K4UJ(DXC),	205.217.100.91
N8TO,	198.109.197.129
KN4F,	206.137.188.10
WU3V,	GATE.WU3V.NET
WU3V,	MOE.WU3V.NET
W5AU,	JNOS.NWLA.COM
N7TR,	GW-WADG.GREATBASIN.NET
N6ND,	128.49.221.102
N5UXT,	GW.N5UXT.AMPR.ORG
KA4PKB,	DX.KA4PKB.AMPR.ORG
WD5B,	WD5B.AMPR.ORG
KC8FT,	MIGATE.AMPR.ORG
VE6LCB,	VE6LCB.AMPR.ORG
K4UJ (DXC),	cluster.akorn.net



# July-August 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in *MOBIL HAM*, GJ4ICD's Internet 6m News (marked with #), G4UPS, ON4KST, YO7VS, EH8BPX, VE7SKA, LW5EJU, XE2HWB, WB7QBS, W4DR, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned (or both CW & SSB), H=heard only.

## Reports of Africa

### ASCENSION IS.

08231827 ZD8VHF	50.033 B	GJ4ICD
08281940 ZD8VHF	50.033 B	GJ4ICD
08291852 ZD8VHF 529	50.033 B	GJ4ICD

### CANARY IS.

07011825 EH8JF	IL38	SM7FJE
07011720 EH8BPX	IL28	SM7FJE
07081830 EH8BPX	>IO70	G
07081855 EH8BPX 56 QSB -1906		H G4UPS
07181057 EH8BPX	IL28	SM7FJE
07190938 EH8BPX 58 -0942		H G4UPS
08031721 EA8 -1835 Es IL18RI	144.	EA3ADW
08101510 EH8BYR IL38>IO85	50.111	G6IQL
08101515 EH8BYR IL38FW	50.110	G6IQL
08131431 EH8BPX IL18SK>IO92AJ	50.120	G6IQL
08231837 EH8BPX IL18SK>IO92UA	50.115	G6PQO

### CENTRAL AFRICAN

07281645 TL5A	JJ94	SM7FJE
07281653 TL5A	JJ94	SM7AED
08181708 TL5A 59 JJ94>JM78	S	IW9CER
08291734 TL5A STRONG	50.110	IKOFTA
08291737 TL5A JJ94>JM78 59	50.110	IW9CER
08311700 TL5A		Europe#

### CEUTA & MELILLA

07122016 EH9AI 57	H	G4UPS
07181838 EH9AI 59, EH7GTF 579	H	G4UPS
08062144 EH9TB CLG CQ	50.110	S59F
08112107 EH9AI	50.110	GOLCS
08121916 EH9AI 59 IM75>IO92	50.120	G6IQL
08180909 EH9AI IM75>IO92	50.110	MOKAD
08232029 EH9AI 59	50.110	ON4GO
08241336 EH9AI STRONG!	50.115	GB7ADX
08281824 EH9AI	50.110	IKOFTA

### EQUATOR GUINEA

07050920 3C5I 339-->579 -1010	50.107 B	G4UPS
07051205 3C5I	B	G3HBR
07100915 3C5I -1010	JJ43	SM7AED
07110915 3C5I	JJ43	SM7FJE
07201745 3C5I > IO91		G3HBR
07201759 3C5I 559/559	JJ43	C G4UPS
07271713 3C5I 59+	JJ43	SM7FJE
07271714 3C5I 57/57	JJ43	S SM7AED
08020801 3C5I 319->569 -0905	50.105 W	G4IGO
08060840 3C5I JJ43>IO91	50.107 B	G3FPQ
08060853 3C5I 599>JO81	50.107 B	SP6ASD
08091711 3C5I 559>JO23	50.105	PE1MCD
08211554 3C5I S9		IKOFTA#
08211610 3C5I > IO90AT	H	GOOPE

08251729 3C5I		
08251744 3C5I		
08251815 3C5I	JJ43>JM78	
08291702 3C5I	59+++	
08291735 3C5I	JJ43>JM78 59	

### MADEIRA IS.

07020946 CT3FJ 58/57 CEDRIC	IM13TA S	YO7VS
07031230 CT3FT	IM13	SM7FJE
07041743 CT3HF	IM120P S	EH8BPX
07121249 CT3FT	IM13TA S	EH8BPX
07122016+CT3HN 33 <2100	H	G4UPS
07130946 CT3HF	IM120P S	EH8BPX
07162229 CT3HF	IM120P S	EH8BPX
08040955 CT3FT	IM13>JO99	50.129
08041057 CT3HF	IM12>JP81 53	50.109

### MALAWI

07271730 7Q7RM 579	KH74	H	SM7AED
07271733 7Q7RM	KH74	S	SM7FJE
08051715 7Q7RM KH74 57 -1745	>IO91	S	G4RKG
08081747 7Q7RM 589>JO81	50.106	SP6ASD	
08081801 7Q7RM KH74MF>JO81LC	50.105	SP6ASD	
08081810 7Q7RM 579>JO67	50.105	SM6DWF	
08091757 7Q7RM 559>IN87PR	50.107	F5JUK	
08091821 7Q7RM	50.107	F5JUK	
08121822 7Q7RM CW	50.110	F5JUK	
08161906 7Q7RM 53/54 FLUTTER	50.110	OY9JD#	
08191838 7Q7RM 559 KH74>JO20	50.108	PAOLPE	
08191855 7Q7RM 579 KH74>JO75	50.107	SM7CMV	
08201802 7Q7RM	50.110	JY9QJ	
08211642 7Q7RM 59>KM73	50.110	ODSPN	
08212000+7Q7RM	> IO90AT >2100		GOOPE
08231718 7Q7SIX 539 KH75>JN61	50.003 B	IKOFTA	
08231748 7Q7SIX 559>JM78QF	50.003 B	IW9CER	
08241758 7Q7SIX	50.003 B	EA7KW	
08241759 7Q7RM 559 CQ	50.107	EA7KW	
08241801 7Q7RM 559 CQ	50.110	EA7KW	
08241804 7Q7SIX 529 > IO80	50.002	B8KRT	
08241813 7Q7RM 559>IO73	50.110	GB7ADX	
08241824 7Q7RM KH74MF>IO73TG	50.106	GWGOEI	
08251752 7Q7SIX >JM78 519-549	50.003 B	IW9CER	
08251753 7Q7RM >JM78 59	50.110	IW9CER	
08251816 7Q7RM 559>JO70FC	50.105	OKLMP	
08251821 7Q7RM KH74EE>JO20WW	50.105	PAOLPE	
08251826 7Q7RM CQ	50.108	OKLMP	
08271638 7Q7RM KH74MF	50.107	DX559D	
08271657 7Q7RM 59 KH74>JN87	50.106	OB4WHG	
08271658 7Q7RM KH74 559	50.106	SP6GWB	
08271713 7Q7RM	50.110	9A3HZ	
08281758 7Q7SIX QRM LAWNMOWER	50.003 B	GU7DHI	
08281842 7Q7SIX WEAK>JN68	50.002 B	DL3RHL	
08281926 7Q7SIX KH74>JN67 539	50.003 B	OE2UKL	
08291613 7Q7RM 59+	50.106	EA7KW	
08291624 7Q7SIX WEAK	50.002 B	IOJX	
08291713 7Q7SIX 579	50.003 B	IT9RZR	
08291738 7Q7RM KH52>JM78 59	50.117	IW9CER	
08291809 7Q7RM	50.105	N5KME/IC8	
08291814 7Q7RM QSO YULHQR	50.109	S59A	
08291832 7Q7SIX>JN45UR	50.003 B	IK2QDX	
08311830 7Q7SIX -2000	B	3C5I#	

**MALI** GJ4ICD relays a report that TZ6VV worked 'hundreds' of Europeans on August 30.

### MOROCCO

07081907 CN8LI	IM64NA S	EH8BPX
07121849 CN8LI 579	50.057 B	G4UPS
07150825 CN8LI 569	B	G4UPS
07150932 CN8LI 579	B	G4UPS
07151208 CN8LI KEYSY QSY TO	50.028 B	G4UPS
07181733 CN8LI 599 > 1955	50.028 B	G4UPS
07191012 CN8LI 579 KEYSY	B	G4UPS
07200950 CN8LI 599 KEYSY MOST OF DAY	B	G4UPS
07201608+CN8LI KEYSY STILL 589 >2300	B	G4UPS
08040710 CN8LI 559	50.027 B	PA2VST
08062242 CN8LI 559>IO91	50.027 B	GOKUX
08071733 CN8LI 59>IN53	50.026 B	EHITA
08121915 CN8LI 59 IM64>IO92	50.150	G6IQL
08181833 CN8LI >JM75	50.029 B	9H1XT
08191039 CN8LI 559>JO20WW	50.027 B	PAOLPE
08200822 CN8LI 579	50.028 B	GU7DHI
08212000+CN8LI > IO90AT >2100		GOOPE
08231824 CN8LI IM64>IO91 539	50.027 B	GORRJR
08231945 CN8NK IM64>JO20	50.120	ON4GG
08281938 CN8LI	50.027 B	GJ4ICD
08281943 CN8LI 559>JN62	50.028 B	IW0EUI
08291039 CN8LI 599>JN48	50.027 B	DL8SET
08291405 CN8LI 539 >JN65VO	50.027 B	IV3LNQ

### NAMIBIA

08091756 V51VHF 419>JO23	50.019 B	PE1MCD
08181832 V51VHF >JM75	50.018 B	9H1XT
08211748 V51VHF JM78QF 599	50.018 B	IW9CER
08231659 V51VHF 599	50.018 B	9A3FT
08231709 V51VHF 579	50.018 B	SP4MPB
08231726 V51VHF > JO81	50.018 B	SP6ASD
08231747 V51VHF 599>JM78QF	50.018 B	IW9CER
08231754 V51VHF 539	50.019 B	IOER/S
08231802 V51VHF S3/7 JGB	50.018 B	IK5YJY
08231818 V51VHF 579	50.018 B	SP4MPB
08251811 V51VHF >JM78 599	50.017 B	IW9CER
08281752 V51VHF 559	50.018 B	9A3FT
08281820 V51VHF 599	50.018 B	IW0GDC
08281906 V51VHF 418>JN62	50.018 B	IW0EUI
08281908 V51VHF 579 >K003	50.018 B	SP4MPB
08291517 V51VHF	50.018 B	IOJX
08291608 V51VHF 579	50.018 B	EA7KW

08291646 V51VHF JN35>JG87 519	50.018 B	IW1DIM
08291712 V51VHF 599	50.018 B	IT9RZR

### SOUTH AFRICA

08251412 ZS6WB	50.110	PA3BFM
08281700 ZS6RPS KG46>KO29	50.110 C	ES1CW
08281743 ZS6JON	50.115	IT9RZR
08281750 ZS6TWB 539	50.044 B	9A3FT
08281802 ZS6DN 579	50.050 B	EA7KW
08281810 ZS6AXT CQ 559	50.109	EA7KW
08281814 ZS6AXT 539	50.109	GJ4ICD
08281841 ZS6DN 539>JO80HK	50.050 B	IK7CMY
08281847 ZS6DN 599	50.050 B	SP6GWB
08281855 ZS6AXT KG33VV>JO80HK	50.110	SP6GWB
08281901 ZS6DN 519 >JO80HK	50.050 B	SP6GWB
08291533 ZS6AXT	50.108	IOJX
08291536 ZS6WB	50.135	IKOFTA
08291536 ZS6ZL KG33VE	50.120	IKOFTA
08291540 ZS6Y KG33	50.150	IKOFTA
08291552 ZS6BTE 58 KG33>JN54	50.117	I24AIB
08291553 ZS6DN STRONG	50.051 B	IOJX
08291553 ZS6EZ	50.125	IK8DYD
08291553 ZS6TWB	50.044 B	IOJX
08291605 ZS6AXT 59+20!	50.117	9H1EL
08291607 ZS6DN 559	50.050 B	EA7KW
08291608 ZS6TWB 599	50.042	EA7KW
08291617 ZS6BTE 55 KG33	50.117	EA7KW
08291639 ZS6AXT 599+++>KM46CG	50.108	SV5BYR
08291711 ZS6DN 599	50.050 B	IT9RZR
08291712 ZS6TWB 599	50.043 B	IT9RZR
08291758 ZS6AXT	50.110	IKOFTA
08291816 ZS6WB	50.205	IKOFTA
08291817 ZS6EZ KG44	50.104	S59A
08291818 ZS6TWB KG46RD>JN45UR	50.044 B	IK2QDX
08291825 ZS6AXT CQ	50.103	S59A
08291845 ZS6TWB 479 QSB>JN62	50.044	IW0EUI

### ZIMBABWE

08081757 Z22JE 55 / 57	KH52	S	ON4KST
08081811 Z22JE	KH52NF>IO92UA	50.107	GOPQO
08091721 Z22JE	KH52NF	50.117	PE1MCD
08091722 Z22JE	>JO33	50.118	PA0OOS
08251759 Z22JE	WKG A45ZN	50.114	G6YIN
08251759 Z22SIX	>JM78 519	50.052 B	IW9CER
08251819 Z22JE	59+40 >JM78	50.109	IW9CER
08271646 Z22JE	KH52NF>JN76RT	50.109	OB6LOG
08291622 Z22P		50.145	EA7KW
08291715 Z22JE		50.124	IT9RZR
08291733 Z22JE	CW	50.107	IKOFTA
08291736 Z22JE	KH52>JM78 20	50.106	IW9CER
08291808 Z22JE	CQ,CQ	50.106	N5KME/IC8
08291814 Z22JE		50.107	S59A

## Reports of Asia(Mid East)

### ARMENIA

06250808 EK6AD 599/599	EVGENY LN20FE	C	YO7VS
07090703 EK6AD 339		H	G4UPS
07161203 EK6AD 559/599		LN20	C G4UPS
07170939 EK6AD		LN20	SM7AED
07171029 EK6AD		LN20	SM7FJE
07190747 EK6AD		LN20	SM7FJE
07190755 EK6AD		LN20	SM7AED
08062025 EK6AD LN20>IO91	50.110	G3FPQ	

### CYPRUS

07071637 5B4/RZ3BW 559/559	IGOR C	YO7VS
07151155 5B4/F6DEE >IO91	KM75	G
07151210 5B4/F6BEE 599/589	KM75	C ON4KST
07161013 5B4AFB	KM64	SM7AED
07171944 5B4/F6BEE	KM75	SM7FJE
07172025 5B4/F6BEE	KM75	SM7AED
07190835 5B		



06190652 OD5RAK 599/559 JEAN KM74 C Y07VS  
06250735 OD5RAK 599/559 JEAN KM74 C Y07VS  
06260858 OD5RAK 599/559 JEAN KM74 C Y07VS  
07041525 OD5SIX KM74 B SM7AED  
07041535 OD5SIX KM74 B SM7FJE  
07190845 OD5RAK KM74 SM7AED  
08010925 OD5PN KM73SU VIA LX 50.136 LX9EG  
08010957 OD5PN KM73SU 50.131 LX9EG  
08020849 OD5RAK KM74WK/JM78QF 50.120 IW9CER  
08056557 OD5SIX >JN64AH 559 50.078 B I4CIL  
08081141 OD5RAK >JN65TX CQ 50.115 S59F  
08081223 OD5PN 57 KM73/JN86 50.135 9A3JI  
08180821 OD5SIX 529 VIDEO QRM 50.078 B GU7DHI  
08261900 OD5SIX S5 -2000 B 3C5T#

**OMAN: JA1VOK:** "A45ZN was worked in Okinawa (PL36) again followed by 7J6CCU and other guys with RST559-RS57 at 0920-1200z (more than 2.5 hours opening!) on August 31 since this April. TZP is activated in southern JA." GJ4ICD reports that A45ZN also worked V73AT (RJ38) around 0947Z.

## Russian Federation

08151118 UA9SIX LO91 W G3VOF#  
08151201 UA9SIX 57 / 57 LO91 S ON4KST

## Reports of Asia(Far East)

### ASIA, GENERAL

08010105 ASIA VIDEO WEAK 49.750 N5JHV  
08120142 ASIA VIDEO S2 49.750 N5JHV

### Asian Waters

08060400 SP1LJP/MM PL72>PM63 50.130 S JA5CMO

### HONG KONG

07260800 VR2RC >PL36 50.110 H JR6VSP  
08020701 VR2YRC >QM05 50.120 H JA1VOK  
08020708 VR2YRC SSB CQ 50.120 JA9LSZ  
08061437 VR2SIX >PL36 50.075 B JR6VSP  
08061437 VR2XMT >PL36 50.110 S JR6VSP  
08062255 VR2IL >PM95 50.110 S JE1TGN  
08062255 VR2XMT >PM95 50.110 S JE1TGN  
08062320 VR2YRC >PM95 50.110 H JE1TGN  
08150249 VR2IL >QM05 50.110 S JA1VOK  
08150249 VR2SIX >QM05 50.075 B JA1VOK  
08201244 VR9BLK 50.110 V73AT  
08221206 VR2SIX 50.075 B V73AT  
08221248 VR98LC 599 50.110 V73AT

### JAPAN: Reports on 144 MHz are Es.

08010007 J16NUO PM52 59+ 144.130 S JA1VOK  
08010015 JF6TWM PM52 59+ 144.140 S JA1VOK  
08010019 JF6PVL PM52 59+ 144.105 S JA1VOK  
08010020 JF4WRB PM53 59 144.100 S JA1VOK  
08010023 JF6FEY/6 PM53 59 144.150 S JA1VOK  
08010025 J06UTR PM43 59 144.204 S JA1VOK  
08010033 JG6AER PM53 59 144.105 S JA1VOK  
08010036 JF6GAC PM53 59 144.140 S JA1VOK  
08010041 JF6EBU PM53 59 144.135 S JA1VOK  
08121005 7M2VPR/1 50.165 V73AT  
08160022 J06AIQ PL47>QM05 144.166 S JA1VOK  
08160049 J56NXX PL16>QM05 144.160 S JA1VOK  
08160104 J56OWR PL16>QM05 144.230 S JA1VOK  
08160127 J06KZH PL47>QM05 144.210 S JA1VOK  
08160141 J56HAB PL16>QM05 145.280 F JA1VOK  
08160205 JN6ISS/M PM51>QM05 145.240 F JA1VOK  
08160207 JF6PKI PM51>QM05 145.320 F JA1VOK  
08160208 JF6DSE PM51>QM05 145.320 F JA1VOK  
08160213 JH6FTJ PM51>QM05 144.221 S JA1VOK  
08160238 JH6IHN PM53>QM05 144.200 S JA1VOK  
08201328 JR6VSP 50.110 V73AT  
08250954 J76CCU 50.110 V73AT

### KOREA.S.

07300620 HLLACW >PM85 50.200 H JE2DWZ  
07300634 DS2IEA >PM85 51.100 H JE2DWZ  
07300648 DS1CCP >PM85 51.020 F JE2DWZ  
07300654 HLLITC >PM85 51.100 F JE2DWZ  
08010616 HL3EPH OP PIL 50.134 JL3SBE  
08010024 DS2ECV 50.130 JA3EMU  
08010038 DS2ECV >PM85 50.130 H JE2DWZ  
08010041 HL3ACA >PM85 51.040 H JE2DWZ  
08010043 HL3EPH >PM85 51.215 H JE2DWZ  
08010055 DS5VXX YOON 50.060 F JA3EGE  
08010102 HL50XF SPECIAL CALL 50.121 JA2MNB  
08010128 HL2IKY 599 50.070 JA3EGE  
08020352 HL50LTC VIA HLLITC 50.125 JH2SMW  
08020418 HL1SOL 50.102 JH2SMW  
08020449 DS1BJU >QM05 50.150 H JA1VOK  
08020450 HL1SOL >QM05 50.102 H JA1VOK  
08020507 DS2IFA >QM05 51.040 H JA1VOK  
08020507 DS5OVXX >QM05 51.060 H JA1VOK  
08020511 HL3EPH >QM05 50.225 S JA1VOK  
08020521 DS1INT >QM05 50.160 S JA1VOK  
08030116 HL50FPL >PM85 50. H JE2DWZ/2  
08030120 HL50XF >PM85 50. H JE2DWZ/2  
08030127 HL50ACW >PM85 50. H JE2DWZ/2  
08031220 HL2DIB >PM85 51.000 H JE2DWZ  
08031223 HL50ACW >PM85 50.190 S JE2DWZ  
08031228 DS2IFA >PM85 51.080 H JE2DWZ  
08031310 HL50LTC >QM05 50.110 S JA1VOK  
08031315 HL50LTC >QM05 50.550 A JA1VOK  
08050540 HL50LTC >PM85 50.120 S JE2DWZ

08070725 HL1WOU >PM85 51.100 F JE2DWZ  
08080135 HL50XF >PM85 50.137 S JE2DWZ  
08080138 HL50XF >QM05 50.137 S JA1VOK  
08080203 HL2IIFC >PM85 50.150 S JE2DWZ  
08080218 DS5HVM/M >PM85 51.000 H JE2DWZ  
08080226 HL50LTC >PM85 51.180 F JE2DWZ  
08080235 HL50ACW >PM85 50.214 H JE2DWZ  
08080249 HL2KRP >PM85 51.150 F JE2DWZ  
08082325 HL50XF >PM85 50.130 H JE2DWZ  
08082325 HL50XF >QM05 50.130 S JA1VOK  
08082326 HL3EPH >PM85 50.204 H JE2DWZ  
08082328 DS5EYZ >QM05 50.200 S JA1VOK  
08082329 DS2DKW/1 >PM85 51.100 F JE2DWZ  
08090001 DS5FYZ >PM85 50.200 S JE2DWZ  
08090008 DS5VXR >PM85 51.000 H JE2DWZ  
08090208 HL50XF >PM85 50.130 H JE2DWZ  
08090213 DS5VXX >PM85 51.060 F JE2DWZ  
08092354 DS2ECV >PM85 50.245 H JE2DWZ  
08092355 HL50ACW >PM85 50.180 H JE2DWZ  
08100000 HL50XF >PM85 50.130 H JE2DWZ  
08100125 HL4RCE >PM85 50.230 S JE2DWZ  
08101122 DS50IFA >PM85 51.020 F JE2DWZ  
08101130 HL50LTC >PM85 51.120 F JE2DWZ  
08101132 HL2LSZ >PM85 51.120 F JE2DWZ  
08101214 HL50LTC >PM85 51.060 B JE2DWZ  
08102226 HL50XF >PM85 50.130 B JE2DWZ  
08110249 DS5CLX >PM85 51.120 F JE2DWZ  
08110336 HL50ACW >PM85 50.210 B JE2DWZ  
08110341 DS1GQS >PM85 50.180 B JE2DWZ  
08110935 DS1BJU >PM85 51.000 B JE2DWZ  
08120244 HL50LTC >PM85 50.130 JA2CGH  
08150037 HL50XF >QM05 50.130 S JA1VOK  
08160140 K50ZOW >QM05 50.193 S JA1VOK  
08160907 HL50/JA6HW >QM05 50.110 H JA1VOK  
08160941 K50ZOW >QM05 50.213 H JA1VOK  
08161014 HL50KGF/1 >QM05 50.125 S JA1VOK  
08161030 HL50LQ >QM05 50.110 H JA1VOK  
08190137 HLLITC >PM85 51.000 H JE2DWZ  
08190907 HL50LTC CW 50.100 JA9LSZ  
08191024 HL/JA6HW >PM85 50.110 H JE2DWZ  
08191024 HL50XF >PM85 50.135 H JE2DWZ

### MONGOLIA

08010726 JU60MTZ >PM86 50.110 W JA9BHZ  
08010730 JU60MTZ >PM74 50.110 C JA3EGE  
08010753 JU60MTZ >QM05 50.110 S JA1VOK  
08020041 JU60MTZ >PM95 50.110 S JE1TGN  
08050134 JU60MTZ >PM86 50.110 S JA9BHZ  
08050202 JU60MTZ >PM85 50.110 S JE2DWZ

### TAIWAN

08020955 BV/JH3GNCN >PM53 50.110 S JA6TEM  
08050203 BV3FQ SSB 50.120 JA1EMU  
08050216 BV3FQ >PM85 50.120 S JE2DWZ  
08050922 BV3FQ >PM53 50.120 S JA6RJK  
08090143 BV2TL >PM85 50.110 S JE2DWZ  
08090147 BV/JH3GNCN >PM85 50.118 H JE2DWZ  
08100333 BV2FG >PM85 50.001 B JE2DWZ  
08140716 BV/JH3GNCN SSB 50.112 JA1EMU  
08230348 BV2TL >PM85 50.110 H JE2DWZ  
08240841 BV2PU SSB 50.220 JN3AOU

## Reports of Europe

### EUROPE GENERAL

07021419 EUR INBAND TV STRONG I G4UPS  
07050650 EUR INBAND TV STRONG I G4UPS  
07151030 EUR TV FROM S I G4UPS  
07171805 EUR INBAND TV FM N I G4UPS  
07180716 EUR INBAND TV I G4UPS  
07191026 EUR INBAND TV STRONG I G4UPS  
07211056 EUR INBAND TV VY STRONG I G4UPS  
07211746 EUR INBAND TV I G4UPS  
07221027 EUR INBAND TV I G4UPS  
08050718 EUR VIDEO 59 + 60DB 49.750 V PA3GST  
08071646 EUR VIDEO S5 >KG46 48.250 V ZR1EV  
08091832 EUR VID 59 >GF05TF 48.250 V LW5DX  
08192149 EURVID 579-GP36 48.240A 250 V OX1LX  
08201524 EUR TV VID 58A 49.750 B OZ4VV  
08231749 EUR VIDEO 48.250 VE9AA

### European Waters

07080705 PA3HEN/MM 559 IN41 H G4UPS

### ALAND IS.

08141350 OH0/SM5AJV 59>AUSTRIA50.147 OE3HHB  
08230939 OH0JFB JP90>JO70 50.154 OK1MP  
08230948 OH0JFB JP90>JN67 50.156 OE2UKL  
08231024 OH0JFB JP90>JN48 57+ 50.155 DF4UE

### AUSTRIA

07050726 OE6MHG 59 G4UPS  
07140835 OE4MDA 56 H G4UPS  
07171952 OE4WHG 55 H G4UPS  
07181036 OE8PPK 59/59 PEPI JN76FU S G4UPS  
07191213 OE1SOW 55 H G4UPS  
07211100 OE4MDA 59 H G4UPS  
07211934 OE5MSM 599/599 MIKE JN78AA C G4UPS  
07271735 OE6BMG <1817 JN77 H SM7AED  
07281556 OE3MMS 59 / 59 JN88 S ON4KST  
08010900 OE5XBL 599+>JP73 50.102 SM3PKO  
08010917 OE2WPO JN67>KP02 59+ 50.180 OH6KTL  
08041110 OE3GWC 50.128 SM5HJZ  
08061852 OE6BMG 50.147 SM3GUE  
08091840 OE6LOG 59 50.112 S LW5DX  
08091902 OE9DMV 55 JN45 50.110 S LW5EJU  
08091905 OE9EMI 55 JN47VL 50.115 S LW5EJU  
08230911 OE4MDA 50.133 SM3GUE  
08271621 OE5OLL JN68SI>JO23TE 50.144 PA3GXX

### AZORES

07182000 CU3URA 569 < 2100 B G4UPS  
07312335 CU3URA/SIX 50.013 B VE9AA  
08021314 CU7BC/CU6 HM58>FM29 50.110 W3JO  
08031345 CU3URA 59>IN53 50.013 B EH1TA  
08041334 CU3URA 50.013 B EA7KW  
08092126 CU3URA 50.013 B K1TOL  
08101132 CU8AAC 55 HM49>IM67 50.110 IK5YJY  
08101136 CU8AAC HM49 50.110 EA7KW  
08112232 CU3URA 50.013 B EH1TA  
08131250 CU3URA 599 50.013 B EH1TA  
08132150 CU3URA/6 519>IO75 2HR50.013 B MM0AMW  
08171618 CU3URA 529 > IO80 50.013 B G8KRT

### BALEARIC IS.

06181125 EH6ACC 579/579 JOSEF JN08PW C Y07VS  
06190630 EH6FB 599/559 JN08 C Y07VS  
07011109 EH6ADW 59 G4UPS  
07011815 EH6SA 56 G4UPS  
07150832+EH6ADW 559 H G4UPS  
07151700 EH6SA 599 H G4UPS  
07201113 EH6SA JN19 SM7AED  
07201437+EH6VQ 59, EH6ADW 59 H G4UPS  
07201608 EH6SA 599/599 JN19IR C G4UPS  
07212033 EH6SA 579 H G4UPS  
07261210 EH6VQ JN19 SM7FJE

### BELARUS

06180749 EU1AB 599/599 KO33SU C Y07VS  
07171906 EW6WF KO55 SM7FJE  
07171921 EW6LD KO52 SM7FJE  
07171925 EW6WF KO55 SM7AED  
07180757 EW52 KO32 SM7AED  
07180809 EW52 KO32 SM7FJE  
07180923+EW5WF 449, EV6M 569 H G4UPS  
08062000 EW5M 59 KO32>JN19 50.115 FLUMW  
08071828 EV6M 519>IO75 50.107 MM0AMW

### BELGIUM

06181203 ON4YZ 55/57 JO20GG S Y07VS  
06190640 ON5FU 559/599 JAIME JO11 C Y07VS  
06190714 ON1AMZ 59/59 JEAN JN09MV S Y07VS  
07011725 ON4ANT JO20 S EH8BFX  
07031720 ON7TN JO11OG S EH8BFX  
07041931 ON4GG JO20AR S EH8BFX  
07050932 ON5OF/P/F 59047/59013 JN33MR S Y07VS  
07181034 ON9BGP JO21LH S EH8BFX  
07181037 ON4FZ JO10SX S EH8BFX  
07181048 ON4AOI JO21BA S EH8BFX  
07181051 ON1GZ JO20FW S EH8BFX  
07181101 ON4ANT JO20AR S EH8BFX  
07181116 ON1DM JO21PF S EH8BFX  
08040851 ON4PS 59 JO20>JP81 50.155 SM3VEE  
08050707 ON1DO 51 TROPO >IO92 50.125 G4VDP  
08062020 ON4PS 59 JO20 50.136 LC1PAT  
08151652 ON4PS 55 JO20 50.110 S LW5EJU  
08151711 ON1LGS 55 JO10 50.115 S LW5EJU  
08231810 ON4GG CQ CW 50.106 ON1LGS  
08271648 ON4ANT AU 50.102 SP4MPB

### BOSNIA-HERZEGOVINA

07071612 T97M 59/59 -1640 KN93EU S G4UPS  
07150659 T97M JN93 SM7AED  
07150708 T97M 59 -0710 H G4UPS  
07161156 T97M JN93 SM7FJE  
07180736+T97M 57 H G4UPS  
07180853 T97M 599+/599+ JN93EU C G4UPS  
07200915 T97M 55 H G4UPS  
07211750 T97M 59 H G4UPS  
07271735 T97V <1817 JN84 H SM7AED  
07271737 T97V JN84 SM7FJE  
08091732 T97M JN93EU 59/59 50.127 S F5RNP

### BULGARIA

07041206 LZ4WX 599/599 RUMEN KN22IS C Y07VS  
07041218 LZ6T 599/579 KN22IS C Y07VS  
07041413 LZ2KV JN33 SM7AED  
07041431 LZ2KV 59002/59011 KN22IS S Y07VS  
07051020 LZ2KV 55 H G4UPS  
07081633 LZ2CC KN23 SM7AED  
07151731 LZ1AG 579/559 KN22ID C G4UPS  
07161758 LZ5SZ KN21 SM7FJE  
07211630 LZ H SM7AED  
08041320 LZ1UF 50.113 PA3GST  
08041323 LZ1JZ CQ 50.117 PA3GST  
08041325 LZ1JZ KO12>JO31TO 50.112 H DL2DR  
08041326 LZ1MC CQ CW 50.111 PA3GST  
08041329 LZ1JZ KO22ID>JO31TO 50.116 DL2DR  
08041804 LZ1UF 59 50.140 DF6WE  
08041807 LZ1EF KN12Q>JO31IK 50.140 DL1EAP  
08041835 LZ1UF 50.140 DF6WE  
08041837 LZ1XF KN12Q>JN18EV 50.140 F1TAY  
08050727 LZ1JZ KN22>JP81 50.120 SM3GSK  
08091034 LZ3BD KN12Q>JN19MP Es 144 S EA6VQ  
08150940 LZ1AG KN22 Es 144 G4RKG  
08150940+LZ KN12>IO90AT Es 144 H G00FE  
08191838 LZ1CY 579>KO60 50.108 UY1HY  
08210846 LZ1KBB/P KN21 50.115 OZ1CDE  
08210853 LZ2CC 50.120 OZ1CDE  
08230822 LZ1AG KN22 CLG CQ 50.120 F8OP  
08231907 LZ1AG 50.107 ON4GG  
08281849 LZ1SJ KN32>JN67 50.130 OE2VEL  
08281853 LZ1SJ KN32DQ 50.130 IK2YWT  
08281905 LZ1JH 50.138 IK2YWT  
08281909 LZ1AG KN22 50.103 SM5CZK  
08281927 LZ1AG 50.135 IK2YWT  
08281934 LZ1SJ 50.150 T2EB  
08281939 LZ1JH 50.146 IK2YWT  
08281942 LZ1SJ 50.150 IK2YWT

### CAPRI

08091732 IC8/N5KME 59 / 59 JN60 S ON4KST  
08180831 IC8/P/IKOFTA 50.145 PA2VST  
08282119 IC8/N5KME JN60WR 50.143 PE1LAU



08282136 IC8/P/NSKME JN60WR 50.143 ON1AEN  
08292119 IC8/NSKME JN60WR 50.143 PELAU

## CRETE

08042234 SV9SIX >JM49 50.010 B IWOUUIQ

## CROATIA

07050719 9A1B 59/59 JN85KV S G4UPS  
07050732 9A7S 59/59 JN85EG S G4UPS  
07050754 9A3FT 59/59 Renny JN83FM S G4UPS  
07050800 9A1CAL 59/59 JN86 S G4UPS  
07050807 9A1O 59/59 JN95IN S G4UPS  
07050846 9A1RKV/P 59/59 JN74TH S G4UPS  
07071950 9A2HW 57/57 IVAN JN75WT S G4UPS  
07090819 9A6M 59/59 JN86GA C G4UPS  
07151326 9A3NC JN75BC S EH8BFX  
07151331 9A8A JN86EH S EH8BFX  
07151348 9A2YD JN85FR S EH8BFX  
07151624 9A2RK 579/579 DAMIR JN75VU C G4UPS  
07151659 9A1CAL 50.000 B G4UPS  
07151928 9A8M 559/599 MARK JN86GA C G4UPS  
07180736 9A2HW 59 H G4UPS  
07180747 9A1CAH 59 H G4UPS  
07181030 9A1CAL 559 H G4UPS  
07200755 9A8A 59/59 MARK JN86 S G4UPS  
07200755 9A1CAL 589 B G4UPS  
07200755 9A3AT 559 H G4UPS  
07201332 9A2YD 59/59 NED JN740C S G4UPS  
07211100 9A3FT/P 59/59 Renny JN83GJ C G4UPS  
07211754 9A2HW 579, 9A2UW 579 H G4UPS  
07211754 9A2YC 57 H G4UPS  
07212020 9A7V 59 H G4UPS  
07212055 9A4WY 559 H G4UPS  
07217135 9A1CAL <1817 JN86 B SM7AED  
07217803 9A1CAL 339 <1810 H SM7AED  
07280746 9A3FT H SM7AED  
08010859 9A1EZA CQ 50.112 LA2AB  
08012247 9A1CAL 57 50.000 SM3GSK  
08021248 9A2YD/P JN74 50.134 SM3GSK  
08021249 9A8A CQ 50.128 SM3GSK  
08041023 9A3FT JN83>J099 50.112 SM5HJZ  
08041059 9A1CCB JN85>J099 50.120 SM5HJZ  
08041105 9A1EZA JN86>J099 50.139 SM5HJZ  
08091706 9A2YD/P JN74>J021 59 50.126 ON9BGP  
08091752 9A2YD/P JN74JD 50.122 F5RNF  
08091848 9A8A 59 JN86EH MARK 50.110 S LW5EJU  
08091849 9A1CCY 59 JN85 50.130 S LW5EJU  
08182140 9A8A IN86EH>I092AJ 50.158 G6IQL  
08182203 9A1CCB JN85LN>I092AJ 50.123 G6IQL  
08211153 9A2OM CLG CQ 50.134 GU7DHI  
08212048 9A3JI CQ 50.120 EH3CUU  
08241431 9A1CAL JN86EL 50.000 B 9A8A  
08241449 9A1CAL JN86 50.000 B GB7ADX  
08271609 9A3AT 56A 50.104 SP4MPB  
08271627 9A3HZ AU 50.103 SP4MPB  
08282103 9A1CAL JN86FJ>IN89RL 50.128 GU7DHI

## CZECH REPUBLIC

07051550 0K2PPP 59 H G4UPS  
07090740 0K0EK 599 B G4UPS  
07140835 0K0EK 559 B G4UPS  
07161203 0K0EK 559 B G4UPS  
07161203 0K2BGW 59(9) <1239 H G4UPS  
07171025 0K1VBN 559/599 JN78FX W G4UPS  
07171028 0K2PP 599/599 JN89MD C G4UPS  
07171028 0K0EK 579 H G4UPS  
07171028 0K2BGW 59 H G4UPS  
07180923 0K2DW 559 H G4UPS  
07191100 0K1JL 59, 0K2BGW 55 H G4UPS  
07191104 0K0EK 589 > 1120 B G4UPS  
07191104 0K2PWR 55 H G4UPS  
07201640 0K0EK 559 B G4UPS  
07201700 0K2PPP 59, 0K5KM 559 H G4UPS  
07211106 0K1JMW 599/599 PAVEL JN79MD C G4UPS  
07211106 0K0EK 559 <1128 B G4UPS  
07211747 0K0EK 579 B G4UPS  
07211836 0K1KT 599/599 VRATA JO70WE C G4UPS  
07281559 0K1MP 59 /59 JO70 S ON4KST  
07281558 0K2BGW 50.110 SM3GSK  
08091852 0K1BL 55 JO60 50.115 S LW5EJU  
08231902 0K0EK >I092UA 50.011 B G4UPS  
08241512 0K0EK 50.011 B G3IBI

## DENMARK

06181052 024V 59/59 FINN JO46QU S YO7VS  
06191023 026EJ 559/559 QRM C YO7VS  
06270807 022LD 59/59 CRISTIAN S YO7VS  
07011720 024V JO46 S EH8BFX  
07031000 029NI 59 H G4UPS  
07031726 025AGJ JO56DF S EH8BFX  
07031730 021IEP JO55XU S EH8BFX  
07041441 027SKB/P 59007/59006 JO45TX S YO7VS  
07041457 021SDB/P 59013/59009 JO44UV S YO7VS  
07041459 025AGJ 59014/59012 JO56DF S YO7VS  
07041510 023BAL/O 59016/59018 JO55KR S YO7VS  
07041540 025ESB 59021/55003 JO45EN S YO7VS  
07050821 021THY/A 59035/59002 JO47MX S YO7VS  
07050825 029EDR/P 59037/59108 JO64GX S YO7VS  
07050828 021HLB/P 59038/59069 JO55RT S YO7VS  
07050849 022LD 59042/59027 JO45TU S YO7VS  
07051550 026VHF 579 B G4UPS  
07051748 027ADZ/A 59/59 NIELS JO74MX S G4UPS  
07052059 022LD JO54TU S EH8BFX  
07171515 027IGY 599 JO55 S G4UPS  
07171518 024LP 599/599 PETER JO55 S G4UPS  
07171525 028ABA 59/59 JO55UQ S G4UPS  
07171528 027JV 59/59 JURGEN S G4UPS  
07171528 026VHF 599 022VHF 559 B G4UPS  
07171536 026EI 559/559 EIGIL JO45TT S G4UPS  
07171545 021EEZ 59/59 JENS JO45VG S G4UPS  
07171857 021IER 59 H G4UPS  
07180923 023BAU 59 H G4UPS  
07220715 027IGY 599 -0723 B G4UPS  
07271201 022LD 59 H G4UPS

08041808 022LD 50.150 DK3RV  
08151654 021BVM 59 50.110 S LW5EJU  
08151656 023K 57 JO45 50.120 S LW5EJU  
08151712 025GF 51 JO54 50.115 S LW5EJU  
08151730 024V 58 JO46 50.115 S LW5EJU  
08182156 021PIT JO65AN>I092AJ 50.155 G6TQL  
08251456 026VHF JO57ES 559 50.055 B IK5JWQ  
08251501 025AGJ JN52>J055 50.160 IZSEME  
08251721 022LD JO54>J032 50.186 PA2TAB  
08251735 025W/P JO55>J032 50.160 PA2TAB  
08251815 027CK JO55>J061 50.205 DL3DXX  
08251815 027CQ 59>J022 50.205 DL3DXX  
08251816 021IEP CQ 50.200 PE1OZH  
08251835 021SDB/P JO44>J021 50.130 PE1PZS  
08251858 029KY JO54>J022 50.150 PE1OZH  
08251909 021IEP JO55XU>J022 50.200 PE1OZH  
08251909 025W/P JO55>J099 50.160 SK0UX  
08271118 026VHF >J033 55A 50.054 B PA3FBN  
08271248 025AGJ 50.124 SM5JE  
08271307 025AGJ JO56 57A>J060 50.124 OK1DD  
08271313 025AGJ 57A JO56>J021 50.130 PE1MZS  
08271418 025AGJ 52A JO56>J021 50.147 PE1KXK  
08271431 023ZW JO54 59A>J060 50.086 OK1DD  
08271447 023ZW JO54>J031 50.087 DJ4AX  
08271449 028ZS 59A JO55>J060 50.109 OK1DD  
08271450 023ZW 52A >JN76RT 50.090 OB6LOG  
08271453 021EWH 59A JO54>J060 50.100 OK1DD  
08271455 021EWH JO54>JN48 50.100 DL2GBT  
08271507 021IEP JO55XU>J080HK 50.170 SP6GBW  
08271518 028ZS JO55RT>J020CW 50.165 ON1DHF  
08271521 023ZW JO54>J070 50.112 OK1ACF  
08271523 025AGJ JO56DF>J031TO 50.148 DL2DR  
08271536 021PIT JO65 59A>J060 50.150 OK1DD  
08282015 022VHF JO45 559 50.061 B IK00KY

**Dodecanese Is. Mike, SV5BYR is now QRV on 6m with a 5 el 12m high and 8W from a Ten-Tec transverter + IC735. He has a good takeoff in all directions. e-mail sv5byr@sv5byr.ampr.org. Tnx 4Z5JA & SM7AED.**

08230732 SV5TS KM46CF>JN86EH 50.126 9A8A  
08230742 SV5BYR KM46 599>J060 50.110 OK1DD  
08230754 SV5BYR CLG CQ 50.108 9A8A  
08230803 SV5BYR KM46CG>JN54XJ 50.109 IZ4AIB

## ENGLAND

06180751 G3VXM 559/559 DAVE IO90LT C YO7VS  
06180758 G3SED 559/559 MIKE IO90TV C YO7VS  
06181409 G7UWM 59/57 LES IO80FK S YO7VS  
06181420 G3HBR 599/599 BRIAN IO91QQ C YO7VS  
06190708 IE8UV 57/55 IO91 S YO7VS  
06190725 G0EVT 579/559 IO93GR C YO7VS  
06191105 G4XOP 599000/449 QSB JO02LE S YO7VS  
06230856 M1BLX 57/55 PAUL JO02 S YO7VS  
06230907 G0PIK 5759/58 ALWIN JO02 S YO7VS  
06230918 G3ZRH 59/57 TONY JO01DO S YO7VS  
06230922 M0B0B 59/59 S YO7VS  
06230923 M0BKL 59/57 STEVE IO80FK S YO7VS  
06230924 G8NQU 59/59 ZN21C S YO7VS  
06230926 G0UIQ 59/58 BILLY JO02PW S YO7VS  
06230927 G6PAZ 55 QSB S YO7VS  
06230928 G6LAW 55/57 STEVE IO70VT S YO7VS  
06230930 G80TH 57/58 JOHN JO00CS S YO7VS  
06230934 G7MWD 55/57 IO92CM S YO7VS  
06230936 G0RYP 59/59 JOHN IO92AH S YO7VS  
06231014 G3MOJ 559/579 IO81KA C YO7VS  
06231021 G4XOP 599/579 TERRY IO70OI C YO7VS  
06261339 G8ECI 59/59 DERIK JO03AK S YO7VS  
06261822 G4GIR 599/599 IO92 C YO7VS  
07031007 W1PFF SM7AED  
07041543 G3GLK 57022/54001 IO90JO S YO7VS  
07041545 G0FIG 58024/55002 IO90OU S YO7VS  
07081817 G1KTX IO70TM S EH8BFX  
07081819 G4IGO IO80NW S EH8BFX  
07081820 G3GIG IO91UM S EH8BFX  
07081820 G4PCI IO91AL S EH8BFX  
07081828 G3LAS IO90ES S EH8BFX  
07081831 G1HHO IO91IS S EH8BFX  
07081831 G7GKK IO91FE S EH8BFX  
07081840 G5ASEU IO92FM S EH8BFX  
07081841 G3JHM IO91LC S EH8BFX  
07081841 G4GUB IO94OF S EH8BFX  
07081842 G3FPQ IO91NE S EH8BFX  
07081844 G3WCS IO83RH S EH8BFX  
07081857 G0HJC IO83RH S EH8BFX  
07081904 G3WCS IO83 S EH8BFX  
07121248 G1KTX/P IO70TM S EH8BFX  
07160950 G3VMJ JO01GR S EH8BFX  
07171542 G4UPS IO80 SM7AED  
07181028 2E1FRK JO03DD S EH8BFX  
07181032 M1BTR JO03BI S EH8BFX  
07181055 G0JHC IO83 S EH8BFX  
07190822 M1AS IO70 S EH8BFX  
07190934 G4AJC IO91VJ S EH8BFX  
07190935 G4EDD IO92HX S EH8BFX  
07190935 G4EUD IO92FM S EH8BFX  
07281915 G4HBA IO80JT S EH8BFX  
07281945 G1KTX IO70TM S EH8BFX  
08041013 G3BUX 50.200 SM2HTM  
08042234 GB3VOF >JM49 50.000 B IWOUUIQ  
08062020 G7UYM 50.135 OK1KT  
08091859 G3IBI 55 IO90 50.115 S LW5EJU  
08091910 G3VOP 59 JO01 50.110 S LW5EJU  
08101434 GB3MBC IO700J>JO81 50.042 B SP6ASD  
08151715 G3WJT 59 IO90UX 50.115 S LW5EJU  
08151726 G61JZ 51 IO91 50.115 S LW5EJU  
08151750 G4RQI 51 --- 50.115 S LW5EJU  
08171533 G4DEZ 57 JO01>JO21 50.145 PA3HDP  
08190705 G3JHM & G3JMW 50.110 4Z5JA

08231850 G3MY IO93 50.107 OM5KM  
08231900 G0RRJ IO81UH 50.110 CT1EKF  
08231908 G0RRJ IO91>JO60 50.146 OK1DP  
08231913 GB3MBC IO70>JO60 50.042 OK1DP  
08231925 GB3MBC 599>JO80 50.042 B SP6GBW  
08241417 GB3MBC IO700J>JN86EH 50.042 B 9A8A  
08241420 G4ALY IO70UL>JN86EH 50.110 9A8A  
08241851 G0WY IO94DX 59+ 50.115 HB90AB  
08241900 GBGV IO83PM>JN46 50.115 HB90AB  
08250029 GB3MBC 599 50.042 B GU7DHI  
08261126 G7EXO 57 50.150 IN5BML  
08261127 G8NOF 55 50.150 IN5BML  
08271543 G3CGB AURORA 50.106 SP4MPB  
08271706 G0EVT 55A 50.130 F5MUTX  
08271730 G (SOUTHERN, SEVERAL) 70 AU W GM3TAL

## ESTONIA

06220452 ES2NA 59/59 S YO7VS  
06300902 ES1LJ 579459/599459 KO29KK W YO7VS  
06300914 ES1AJ 57/55 KO29HK S YO7VS  
07041215 ES9C KO39 SM7FJE  
07041217 ES0CES KO39 SM7RDE  
07041519 ES2NA/4 59017/59006 KO39GL S YO7VS  
07051042 ES1AJ 599057/599014 KO29HK C YO7VS  
07051550 ES0SIX 579 B G4UPS  
07051623 ES1AJ 599/599 SLAVA KO29HK C G4UPS  
07171805 ES0SIX 569 B G4UPS  
07181030 ES0SIX 579 B G4UPS  
07191831 ES6CO 579/579 KO28 C ON4KST  
07191921 ES5DO 559 H G4UPS  
07191931 ES1RF 559/559 KO29 C G4UPS  
07191931 ES0SIX 579 B G4UPS  
07191935 ES1CW 599/599 ARVO KO29 C G4UPS  
07220739 ES1AJ 599/599 SLAVA KO29HK C G4UPS  
07270933 ES1CW 599/599 ARVO KO29HK C G4UPS  
07270942 ES1QD/O 5599/599 KO18PN W G4UPS  
07270950 ES1MW/O KO18 H G4UPS  
07271129 ES2RJ/8 59 KO18 H G4UPS  
08040711 ES0SIX 559 BACK ANT 50.037 B PA2VST  
08040716 ES1AJ KO29>JO22 50.104 PA2VST  
08040716 ES2RJ/8 KO28>JO22 50.108 PA2VST  
08061933 ES1AJ 50.107 G3IOR  
08061933 ES1R 50.109 G3IOR  
08062031 ES4NG KO39 50.107 ES1CW  
08062040 ES1CW KO29HK>JN25XU 50.130 FIGCX  
08062041 ES1MW KO29HI>JN25XU 50.130 FIGCX  
08180738 ES4NG KO39AO>JN65TS 50.130 IV3KAS  
08182134 ES2WX/8 KO28KL>I092AJ 50.120 G6IQL  
08221503 ES1CW KO29>KP07 55A 50.120 SM2HTM  
08230938 ES2QN KO29>JO22 50.120 PA3BLS  
08231013 ES0SIX 539>JO21VT 50.037 B PA0ERA  
08231020 ES0SIX IO81>IO90 559 50.037 B G3IBI  
08231027 ES0SIX IO81>JO22 579 50.037 B PA3BLS  
08231032 ES0SIX STEADY 50.037 B GOVSN  
08231033 ES2QN KO29>JN39 50.119 F1NGP  
08231041 ES2QN KO29DJ>JO30 50.120 DL8PM  
08231042 ES0SIX 599>JO30BU 50.036 B DL8PM  
08231053 ES0HD KO18FF 50.103 GB7ADX  
08231057 ES0HD KO18FF CLG CQ 50.090 DL8PM  
08252015 ES1MW KO29>J099 50.165 W SK0UX  
08252023 ES2NA KO29>J099 50.150 SK0UX  
08252028 ES2WX KO29>J099 50.156 SK0UX  
08270000 ES1CW >TO91 AU W G4RGK  
08271140 ES1CW KO29>J099 030 50.105 SM5HJZ

## FAROE ISLANDS

07172224 OY9JD 59/59 JON IP62 S G4UPS  
07172229 OY4TN 59/59 TRYGVI IP62NB S G4UPS  
07172235 OY4TN IP62 SM7FJE  
08062035 OY9JD IP62>JN67 50.101 OE2PMO  
08062252 OY9JD 53A 50.110 PA3DWD  
08161906 OY9JD 54/53 50.110 S 7Q7RM#

## FINLAND

06161214 OH2MM 59/59 BERT KP20OI S YO7VS  
06300917 OH2LVA 559/559 QSB C YO7VS  
06301045 OH1TV 59/59 PETER KP1OHT S YO7VS  
06301118 OH1KT 59/59 JARI KP01UK S YO7VS  
06301143 OH3OZ 59/59 TAISTO KP20UR S YO7VS  
06301158 OH1ZAA 59/57 KP01RO S YO7VS  
06301207 OH4MFA 599/599 JUUKA KP32NG C YO7VS  
07021650 OH1SIX 599 B G4UPS  
07021654 OH1XT 599/599 KP01UK C G4UPS  
07021754 OH1ZAA 599 G4UPS  
07030745 OH9SIX KP36 B SM7AED  
07041444 OH3MF 59009/59007 KP20RF S YO7VS  
07041445 OH3UW 59010/59005 KP21JZ S YO7VS  
07041448 OH3BNP 59011/59004 KP20KR S YO7VS  
07051550 OH1SIX 579 B G4UPS  
07051550 OH1XT 559 H G4UPS  
07051630 OH6KTL 59 H G4UPS  
07151841 OH2BC KP20 S EH8BFX  
07171821 OH1MM/6 559/559 KP21 C ON4KST  
07181100 OH3QL 579/579 OLAVI KP20HT C G4UPS  
07181220 OH1SIX 569 B G4UPS  
07191540 OH7RJ KP32 SM7FJE  
07210929 OH1SIX 559 B G4UPS  
07211001 OH1XT 59/59 KP01UK S G4UPS  
07231525 OH AURORA H SM7AED  
07270933 OH3XT 579 H G4UPS  
07271100 OH1SIX 579 B G4UPS  
07271129 OH1VZ 579/579 PERTTI KP20HD C G4UPS  
08010847 OH1SIX KP11QU>JN37SM 50.025 B HB9DFG  
08041900 OH1KT KP01 WKG G'S 50.130 PI4KST  
08060834 OH1SIX KP11 539>JO11 50.025 B ON7TN  
08061707 OH9/S/SM6CMU 53 /55 KP18 S ON4KST  
08061852 OH2BU KP20>JO44 50.150 DJ3LE  
08061852 OH3QL KP20HT>JO43JB 50.102 DL5BAW  
08061852 OH7RJ 59+>KP32>JO21 50.180 PE1PKU  
08061931 OH2BU KP20HT>JO02PP 50.098 G3IOR  
08062243 OH1SIX 52 KP11 AUROR 50.025 B PA0OOS  
08071804 OH9/S/SM6CMU 53 /57 KP17 S ON4KST  
08081451 OH9SCL CLG CQ DX 50.110 OH9NYW  
08081744 OH9SIX KP36IO>JO81 50.067 B SP6ASD  
08121844 OH9SCL 559/549 KP46 C ON4KST



08121940 OH4MFA KP32NG>IN60BP 50.100 CT4KQ  
08121941 OH2MFA 50.110 CT4KQ  
08141035 OH9VHF KP16>IO86 50.067 B GMOHUO  
08141041 OH1SIX KP11>IO86 50.025 B GMOHUO  
08151503 OH8KXX 59 / 54 KP24 S ON4KST  
08160730 OH2BC 59/57 50.110 S UN3G#  
08170907 OH1SIX 579 50.025 B GMOEFT  
08170930 OH1SIX 599 -1000 50.025 B UN3G#  
08180755 OH2MWM KP20 50.111 IV3KAS  
08181952 OH3NLP BACK ANTENNA 50.110 F5JKK  
08202216 OH7TE/7 KP38 50.115 OZ4VV  
08221505 OH1SIX 55A-KP07 50.025 B SM2HTM  
08221917 OH1SIX KP11>IO73 579 50.025 B GB7ADX  
08222046 OH9SIX 559 50.067 B OX3LX  
08222105 OH8LAE 59 50.110 OX3LX  
08222137 OH1SIX KP11>JN76RT 50.025 B OE6LOG  
08230740 OH2LVA KP20KF 50.099 9A8A  
08230758 OH1TV KP10HT>JN86EH 50.101 9A8A  
08230839 OH1SIX 599>JN63FW 50.025 B T72EB  
08230849 OH9SIX KP360I>JO90GG 50.067 B SQ9ACH  
08230904 OH2MFE KP20>JO50 59 50.129 DL3AT  
08231011 OH1SIX KP11>JN48 549 50.025 B DF4UE  
08231021 OH3BNP KP20>JN48 58/ 50.151 DF4UE  
08231025 OH2MFE KP20>JN39 50.117 F1NGP  
08231040 OH2MFE KP20JE>JO30 50.117 DL8PM  
08231045 OH3EX KP20>JN88 56 50.163 OE3MWS  
08231047 OH3EX KP20>JN39 50.163 F1NGP  
08231055 OH3MF 559 KP20>JN47 50.148 DL5GAC  
08231055 OH9SIX 50.067 B OH5AE  
08231104 OH3ABN 55 KP11>JO60 50.145 OK1DDO  
08231106 OH2MFE KP20JE>JN59KP 50.117 DL1EY  
08231106 OH5NQ 50.140 F1NGP  
08231110 OH9SIX 599+15 KP600I 50.066 B S59A  
08231803 OH3ABN KP11TF>JO71EN 50.145 DL9USA  
08252017 OH1XT KP01>JO99 50.155 W SK0UX  
08252025 OH2LXY KP20>JO99 50.150 SK0UX  
08252034 OH6QR KP22>JO99 50.167 SK0UX  
08271103 OH1SIX STRONG AURORA 50.025 B SM4HWJ  
08271127 OH4MFA KP32>JO99 020 50.100 SM5HJZ  
80151659 OH2BC 57 KP20 50.120 S LW5EJU

## FRANCE

06170640 FP0P 59/59 GEORGES KN26MM S Y07VS  
06171542 FBC1CH 59/59 JACK JN23VF S Y07VS  
06180810 F5MOO 59/57 TERRY JN07JG S Y07VS  
06180830 FBC1DVO 59/59 JACKY JN09XT S Y07VS  
06181206 FP0P 59/59 GEORGES KN26MM S Y07VS  
06181259 FBC5LJA 59/55 DIDIER JO10IA S Y07VS  
06190704 F1HBH 59/59 PHILIP JN09XP S Y07VS  
06261559 F1BIQ 59/57 CLOD JN33NP S Y07VS  
06261605 F1FKB 59/59 MIKE JN24BD S Y07VS  
06261630 F6BQX 59/57 GERARD JN06GT S Y07VS  
07011815 F6ECS 59 GAUPS  
07011828 FBC5JG 55/55 ANDRE JN23NP S GAUPS  
07011828 F5JG < 1855 GAUPS  
07041710 FLAKE IN87WE S EH8BFX  
07050638 FBC1RAD 59027/59005 JN15DG S Y07VS  
07050642 FLAKE 59028/56003 IN87WE S Y07VS  
07050643 F1RC 59029/59002 IN99UD S Y07VS  
07050647 F1MKE 59030/59004 JN05GQ S Y07VS  
07050858 F6GID 59/59 JN18OI C GAUPS  
07050920 F1MZP JN05GQ S EH8BFX  
07050951 F6BQX 59050/57018 JN06GT S Y07VS  
07050959 F5DE 59052/599007 JN05DP S Y07VS  
07051005 F6GNP 59054/55005 JN97FE S Y07VS  
07051010 F1BRV 59055/59006 JN16MX S Y07VS  
07051644 FBC5RNF 59/59 IVAN JN08RU S Y07VS  
07051650 FBC1ACK 59/59 PETER IN78WE S Y07VS  
07051710 F5DE 59/59 JN05DC S Y07VS  
07051714 F5HA 59/59 IN59SU S Y07VS  
07052048 FLAKE IN87WE S EH8BFX  
07071640 F7PE1UOC P 559/559 JN33AR C Y07VS  
07071704 F4BIQ 59/59 GUY JN96BT S Y07VS  
07101033 F6BQX 59/59 GERARD JN06GT S Y07VS  
07101048 F6EAS 44 H GAUPS  
07141707 FLAKE IN87WE S EH8BFX  
07151055 F5AKE JN03OM S EH8BFX  
07151319 F5HT IN59SU S EH8BFX  
07151329 F4BIQ IN96BT S EH8BFX  
07151634 F8VQ 599/599 JN33AK C GAUPS  
07181133 F1DSX JN19TT S EH8BFX  
07200934 F5DQK 599/599 JN24 C GAUPS  
07211925 F1BEV 59/59 JEAN JN23VD S Y07VS  
08040828 F TV/FMBDCST 57>JP73 50.025 F SM3PXO  
08041006 F6IFR 50.120 SM2HTM  
08062019 F1DUO 52 JN26 50.136 LC1PAT  
08081818 FLACK IN78 50.200 HB9OAB  
08141220 F5QT JN03 50.130 N1FM  
08141233 F5QK JN03>FN44 50.113 K1TOL  
08141256 F5QT JN03>FN41 59 50.130 W1RA  
08141302 F5QT JN03 50.130 S W4DR  
08141326 F5QT JN03>FN44 50.130 K1TOL  
08151657 F6IFR 59 JN09IT 50.120 S LW5EJU  
08171625 F5HUE CLG CQ 50.228 ON1LGS  
08171627 F1SAH 50.205 ON1LGS  
08171646 F5HUE JO10 50.230 PA3BFM  
08230752 F1HBH JN09XP 50.210 ON1LGS  
08231807 F1BBK CQ 50.110 ON1LGS  
08232009 FX4SIX JN06>JN76RT 50.315 B OE6LOG  
08232110 F3CN 59 JN61 50.132 IW0GIV  
08281926 F5MOO IN50 50.110 CT1CJJ

## GERMANY

06201317 DL6AMI 599/599 JO50QX C Y07VS  
06201321 DL3JMM 599/599 BERND JO60CM C Y07VS  
06230914 DJ3FI 59/59 HUBERT JN31DI S Y07VS  
06280915 DL4MDQ 59959/59959 JN58SP C Y07VS  
06280918 DL2DX 59/59 JOE JN45RS C Y07VS  
06280923 DJ5MN 55/57 BERNARD JN58SP S Y07VS  
06280931 DL7QY 59/59 CLAUD JN59BD S Y07VS  
07011711 DL6AMI JO50QX S EH8BFX  
07011713 DL2DXA JO61VC S EH8BFX  
07011721 DJ6VX JO31LQ S EH8BFX  
07011724 DK2PH JO41GV S EH8BFX  
07011728 DJ6NI JN31LL S EH8BFX  
07021426 DL6AMI 599/599 JO50QX C GAUPS

07021438 DL9USA 59/59 ANDREAS JO70 S G4UPS  
07041525 DJ9YE 599018/599001 JO43HV C Y07VS  
07041533 DF4JCY 599019/599003 JO54AL C Y07VS  
07041544 DF4JGP 59020/59004 JO62SO S Y07VS  
07050853 DL8SET 59/59 MANFRED JO62SO S Y07VS  
07052036 DL9USA JO71EN S EH8BFX  
07052039 DL7QY JN59BD S EH8BFX  
07100940 DL2BT 59/59 KLAUS JN48CU S Y07VS  
07151912 DL4ALI JO50 S EH8BFX  
07151915 DL6AMI JO50QX S EH8BFX  
07170922 DJ6TK 589/589 WILF JO53FG C GAUPS  
07170941 DF1AN 599/599 JO63SX C GAUPS  
07170951 DL4TB 559/549 JO64CC C GAUPS  
07171027 DL7UDG 599/599DIETER JO62RM C GAUPS  
07181035 DL8PM JN30BU S EH8BFX  
07181043 DF7VO JN23MF S EH8BFX  
07181045 DF3JQ JN31NI S EH8BFX  
07181049 DL9GS JN31OM S EH8BFX  
07181121 DJ4TT JN33WK S EH8BFX  
07191156 DL7MAE 59+ H GAUPS  
07211010 DJ6TK 599 H GAUPS  
07211905 DL2DX 599/599 JN48RS C GAUPS  
08081833 DAOND JO34 C ON4KST  
08091853 DL3DXX 55 JO61VC 50.115 S LW5EJU  
08091856 DL7QY 59 JN59BD 50.115 S LW5EJU  
08091857 DL7QY 59 JN59BD 50.130 S LW5EJU  
08091858 DL3RHH 59 JN68 50.115 S LW5EJU  
08101058 DAOND 53 JO21>JO34 50.130 S ON4KST  
08101548 DAOND 52 / 55 JO34 S ON4KST  
08151709 DL6BF 51 JO32 50.115 S LW5EJU  
08251736 DL7UT8AL 50.167 PA2TAB  
08271353 DK2PH 58A JO41>IO91 50.114 G3SKR  
08271354 DF9CY 56A JO54>JO60 50.098 OK1DDO  
08271403 DL7UT8AL 55A JO43 50.095 G3SKR  
08271525 DL3DXX AURORA 50.103 SP4MPB  
08271530 DF9CY 52A JO31>JO54 50.085 DK3FB  
08271532 DL2BT JN48>JO53 50.155 DL1SUZ  
08271532 DL7UT8AL 59A JO43 50.082 OK1DDO  
08271541 DL2BT 55A JN48>JO60 50.156 OK1DDO  
08271556 DK2PH 559A >JN47 50.096 HB9JAW  
08271559 DL2BT JN48>JO31 50.156 DJ4AX  
08271631 DJ9KG JO42>JN45 55A 50.119 I2WSG

## GIBRALTAR

07271405 ZB2EO 599/599 JOHN IM76 C G4UPS

## GREECE

07050818 SV7/DG7MHR 59034/57 KM17CF S Y07VS  
07100935 SV1UG SM7AED S Y07VS  
07151558 SV0LK 579/579 KM25QI C GAUPS  
07151600 SV1SIX 589 B GAUPS  
07161817 SV7/DG7MHR/M 59 / 59 KM09 S ON4KST  
07161903 SV2DCD 57 / 57 KN00 S ON4KST  
07181030 SV8AQY SM7AED S Y07VS  
07192035 SV1DKR 55 WKG SP <2103 H GAUPS  
07192035 SV1SIX 569 B GAUPS  
07200746 SV1DK SM7AED S Y07VS  
07212055 SV1SIX 559 -2107 B GAUPS  
08041819 SV1SIX B ON5SE 50.040  
08050711 SV1DH CLG DX "ASIA" 50.111 DL5MG  
08050713 SV1DH IN QSO 50.111 DJ6TK  
08050717 SV1SIX 559 JN45 50.040 B IK2QDX  
08062043 SV2DPA KN10 50.105 ES1CW  
08062058 SV1DH KM27 IO91 50.150 GORRJ  
08062104 SV1DH 59 KM27>JO94 50.120 SP2IQW  
08090951 SV1OE KM17VX>JM19MP Es 144 S EA6VQ  
08090952 SV0EC KM10CJ>JM19MP Es 144 S EA6VQ  
08090957 SV2DCD KN00NP>JM19MP Es 144 S EA6VQ  
08091008 SV6DBG KM09JX>JM19MP Es 144 S EA6VQ  
08091027 SV2BNL KM10LO>JM19MP Es 144 S EA6VQ  
08230754 SV1OE KM17VX>JN86EH 50.110 9A8A  
08230755 SV1OE 59>JO70FC 50.110 OK1MP  
08230801 SV5TS 59>JN63FW 50.126 T72EB  
08230830 SV8AQY KM08 EU-052 50.120 ON5SE  
08230837 SV8AQY KM08 50.200 IK2JET  
08230842 SV1OE 50.110 ON5SE  
08230847 SV8PQY KM08GC 50.120 IW5DNZ  
08231033 SV1SIX 59+>JN37 50.040 B HB9ONN  
08231816 SV1SIX 50.040 B ON5KM  
08231833 SV8DTP KM39EA>JO20AR 50.120 ON4GG  
08231846 SV1SIX KM17UX>JN48 530.040 B DF4UE  
08231902 SV1SIX 599 50.040 B ON4GG  
08231926 SV1SIX KM17UX>JN37SM 50.040 B HB9DPG  
08231933 SV1SIX 599 50.040 B ON4ANT  
08231938 SV1DKR CQ CQ 50.116 ON1LGS  
08232001 SV1DKR 59>44 50.116 IW1DAE  
08250952 SV1SIX 579 >JN72 50.040 B IK6TIJ  
08251846 SV1SIX 579>JN48 50.040 B DL8SET  
08260613 SV1SIX 50.040 B DJ9YE  
08261034 SV1SIX 599 >JN72 50.040 B IK6TIJ  
08261257 SV1SIX 599>JN68 50.040 B OE5UAL  
08271700 SV1SIX 50.040 B IK0FTA  
08281835 SV1SIX 599>JO50 50.040 B DL6AMI  
08281837 SV8DTP 50.120 DL6AMI  
08281850 SV8DTP KM39EA>JO31TO 50.120 DL2DR  
08281855 SV1SIX 599 50.040 B 9A2FJ  
08281855 SV8DTP 59+ 50.120 DL8NCG  
08281905 SV8CS 59 KM07>JO71 50.113 DL9UDS  
08281911 SV1SIX KM17UX>JO31TO 50.040 B DL2DR  
08281911 SV8DTP KM39 50.120 OZ5AGJ  
08281924 SV1SIX 579>JO90 50.040 B SP9DSD  
08281930 SV1DKR 53 KM17>JO33 50.143 PE1RJG  
08281939 SV1SIX 579>JO50JW 50.040 B DL4ALI  
08282004 SV1DKR CQ 50.143 SP9DSD  
08282005 SV1SIX 599>JN53 50.040 B IW5DAN

## GUERNSEY

07081821 GU6AJE IN89RL S EH8BFX

## HUNGARY

08171013 HA/PA3GSM JN97MI>IN89RL.121 GU7DHI

## ICELAND

07172248 TF3JFK 59 / 56 HP94 S ON4KST

## IRELAND

07031700 EI9AE IO62VM S EH8BFX  
08241904 EI8HZ 50.115 HB9OAB

## ISLE OF MANN

08041103 GD0TEP 50.096 OH4MFA  
08271712 GD3AHV 599A 50.099 G3ZSS

## ITALY

06171546 I1AXE 599/599 AXEL JN34QM C Y07VS  
06201320 IW2KMD 59/59 RICK JN45MP S Y07VS  
06201328 I2EGD 57/57 JN55 S Y07VS  
06201331 I3VWK 59/59 RUDY JN55VR S Y07VS  
06201332 IX2BCB 57/55 ROB JN45KC S Y07VS  
07021539 IK2GSO 59/59 ENRICO JN45 S G4UPS  
07031431 IW5SAH, IW5BML 59 H GAUPS  
07031552 IW5OUL 59/59 LELLO JN40KD S G4UPS  
07031358 IW5BML 59/59 AL JN52 S G4UPS  
07031405 IO3X 599 B GAUPS  
07031431 IW0RGN, IW0BSQ 59 JN43PL S G4UPS  
07031431 IW5/HB9ONG 59/59 JN53PL S G4UPS  
07031431 TW5SAH, IZ5EME, IK5OEA JN44VC S Y07VS  
07031532 I4AMD 55/55 NELLO JN64CK S G4UPS  
07050714 IW3HRV 59/59 SANTE JN65 S G4UPS  
07050733 IO3X 599 B GAUPS  
07050733 IK6TIJ, IK4HLQ 59 JN63TI C G4UPS  
07050743 IK6GII 599/599 JN61 S G4UPS  
07050754 IO3X 59/57 TONY JN53PL S G4UPS  
07050900 IW5/HB9ONG 59/59 JN44VC S Y07VS  
07050929 IZ1AAJ 57046/58004 JN44HI S Y07VS  
07051124 IW5/HB9ONG 59061/59 JN53PL S Y07VS  
07052000 IO3X 599 B GAUPS  
07052000 IK6TIJ 59 -2245 H GAUPS  
07071950 IW3RQL 59 H GAUPS  
07081839 IK7CMY JN81KB S EH8BFX  
07101048 I6VRX ? 44 H GAUPS  
07101048 IO3X 579 QSB IN/OUT B GAUPS  
07101048 IK7XGP 59 H GAUPS  
07101122 IK0EZH 57/57 PAT JN61KK S G4UPS  
07101203 IOVHL 599 QSB H GAUPS  
07101305 IZ0AAN 55 -1315 H GAUPS  
07141043 IO3X 579 B GAUPS  
07141340 IW9AUL JN68 SMTAED  
07150708 IO3X 579 B GAUPS  
07150722 IK7XGP JN71 SMTAED  
07150832 IZ5EME 59/59 S GAUPS  
07151317 IW3HRV JN65EU S EH8BFX  
07151318 I7CSB JN71QQ S EH8BFX  
07151321 IK7YI JN71QQ S EH8BFX  
07151340 I4GOC S EH8BFX  
07151600 IO3X 599 B GAUPS  
07151600 IK7CMY 59 H GAUPS  
07151641 IAS/I25BTC/P 59/59 JN52DS S G4UPS  
07151642 IAS/I25BTC/P JN52 SMTFJE  
07170835 IO3X 559 B GAUPS  
07170850 IW0BNC 59/53 MAX JN61BX S G4UPS  
07180736 IZ1JLQ 59 H GAUPS  
07180747 IO3X 579 B GAUPS  
07180747 IZ1JLQ 59 H GAUPS  
07180923 IK0IXI 579 H GAUPS  
07181721 IZ1DIN/1 JN34WQ S EH8BFX  
07191150 IZ2KWB 57 H GAUPS  
07191156 IW4DV 59/59 ANDY JN54QL S G4UPS  
07200932 IK3OCD 599/599 JN65BL C G4UPS  
07200955 IW9CER 59, IO3X 579 B GAUPS  
07201053 IWBDRG/8 JN79 SMTFJE  
07201105 IW9CER JN78 SMTAED  
07201426 IW9AUL 59/57 ENRICO JN68SA S G4UPS  
07201437 I4GOC 59/59 GEORGE JN46GB S G4UPS  
07211630 I H SMTAED  
07211820 IZ1JLQ 59 H GAUPS  
07211820 IO3X 59 B GAUPS  
07220805 I H SMTAED  
07261340 IG9/IW2HKW JN65 SMTFJE  
07271648 IK7CMY 57 QSB H GAUPS  
07271708 IK7CMY JN81 SMTAED  
07311431 IG9/IW2HKW 59 / 58 JN65 S ON4KST  
08011214 IG9/IW2HKW JN65>JN59 50.150 DL7QY  
08040920 IW4DMH JN53>IO86 50.150 GM4ABB  
08041807 IZ5JYJ 50.132 OK1JL  
08041808 IZ5DLC CQ 50.130 ON5SE  
08041835 IZ5CER JN78 50.140 DF6WE  
08041840 IZ5DLC JO22>JN80 50.145 PA3HHF  
08042314 IO3X S5 50.005 B PA0OOS  
08050656 IO3X 519 >JO21 50.005 B PA3GST  
08050718 IO3X 579 JN61>IN89 50.004 B GUTDHI  
08062008 IK1MTZ JN35>JN48 539 50.090 DK7SP  
08062015 IZ5JYJ 50.130 PA3GML  
08062019 IK5JY FABIO 50.163 OK1JL  
08062021 IZ0ARN 59 JN61 50.132 LC1PAT  
08062030 IZ5EME 59 JN52 50.125 LC1PAT  
08062041 IO3X 50.005 B PA3GML  
08062043 IZ5JY 50.130 PA3GML  
08062045 IK5RPL JN52LR 50.137 DJ6TK  
08091004 IK7MOI JN80OX>JM19MP Es 144 S EA6VQ  
08091009 I7FMN JN80FM>JM19MP Es 144 S EA6VQ  
08091014 IK7LXK JN70XP>JM19MP Es 144 S EA6VQ  
08091029 IK7WMN JN81FG>JM19MP Es 144 S EA6VQ  
08091030 IK8UDW JN70 >JM19MP Es 144 S EA6VQ  
08091033 IK7UXU JN81HE>JM19MP Es 144 S EA6VQ  
08091077 IZ5JYJ JN77>JO31 50.164 H DD3DJ  
08091726 IZ5DLC JN80XP 50.150 F5RNF  
08091846 IW4DCW 55 >GF05TF 50.112 S LW5EJU  
08091855 IZ5XDL 55 JN52 50.115 S LW5EJU  
08091900 IK5RPL 59 JN52LR 50.115 S LW5EJU  
08140949 IZ2ZVU KN4500>KO6OMA 50.140 UY1HY  
08171900 IW6TJ JN61>KO14 50.133 LY2SA  
08191716 IO3X 599 JN76>KO60 50.005 B UY1HY  
08211113 IZ5BTT JN53>JO65 50.146 OZ1CDE



08211856 I0JX 559 OFF BACK 50.004 B GU7DHI  
08212158 I0WUHQ CQ S AMERICA 50.111 GU7DHI  
08230740 IK6TJ JN72AJ 50.145 9A3FT  
08230847 I7/IW3RDK JN90 50.152 PE1LAU  
08230851 IW5BQT 599+ 50.104 H SP4MPB  
08230922 IW5BQT JN53>J070 50.108 OK1MP  
08230922 IW5BWT JN53>J070 730 50.108 OK1XH  
08230927 IW5BML JN52>J070 50.120 OK1MP  
08230930 I0JX JN61>J060 599 50.004 B OK1FFD  
08230955 IK7CMY 59+ JN81>J021 50.110 PE1MZZS  
08231021 IK4GNI 50.173 SM3GUE  
08231927 I0JX 50.005 B OM5KM  
08232015 I7UGO JN80 50.145 G3SKR  
08232045 IW9BLR J022>JN68 50.120 PE1OOY  
08232047 IW9ELM JN76>JN39 50.120 F1NGP  
08232050 IW9BLR JN76 CQ 50.110 F1NGP  
08240814 IV3/IK0BAL JN66IE 50.190 IZ4AIB  
08241154 I0JX LOUD 50.004 B G6YIN  
08251112 IK7UXY JN90DC 50.110 PA3BFM  
08251156 IW8RBA 50.150 IK8GGT  
08260805 I0JX 529>J043 50.004 B DJ9YE  
08260810 I7/IW3RDK JN90BD 50.150 ON5FU  
08260811 I7ZPB JN80 >J020 58 50.160 ON1DHF  
08260814 I7/IW3RDK JN90>I091 50.150 G3SKR  
08261132 IW5BML 55 >I091 50.150 G7EXO  
08270945 IW6MGT JN61FW>JN45UR 50.160 IK2QDX  
08271536 IW6MNT 55 JN62>JN45 50.150 IK2QDX  
08281922 IK5RLP JN52 50.130 SM7URQ  
08282108 IK7CMY JN81 50.128 GW7SMV  
08282116 I0JX VERY STRONG 50.125 PE1LAU  
08282118 I0JX CQ... 50.125 G6YIN  
08282121 I0JX ROME 50.125 DJ3XD  
08282154 I0JX >I092 50.125 G4AFJ

## JERSEY IS.

07121140 GJ8RVT 57/58 IN89 S G4UPS

## LATVIA

07041427 YL3AG/A 59001/59004 K006WL S Y07VS  
07041611 YL3AG/A K006 SM7FJE  
07041612 YL3AG/A K006 W SM7AED  
07171758 YL3AG 599 H G4UPS  
07171837 YL2JN 33 H G4UPS  
07180923>YL3AG 579 H G4UPS  
07270950>YL2JN 57 H G4UPS  
07271129>YL2DX 599 H G4UPS  
08061933 YL2JN 53 K016>I074 50.120 G16ATZ  
08271211 YL3AG 59A>J081 50.113 SP6ASD  
08271218 YL3AG K026 50.112 SM5CZK  
08271220 YL3AG K026>J081 59A 50.112 SP6ASD

## LIECHTENSTEIN

06261232 HB0/DL1FDH 59/59 TOM JN47TC S Y07VS  
07151806 HB0/PI4TUE 529/549 JN47 C ON4KST  
07100931 HB0/PI4TUE 599/579 JN47TK C Y07VS

## LITHUANIA

07030934 LY2CG/A 579/559 K024PT C G4UPS  
07030939 LY2BH 579/579 K025DR C G4UPS  
07041435 LY2FE/P 59004/59003 K006VB S Y07VS  
07041436 LY2AT/P 59005/59007 K014JK S Y07VS  
07041547 LY2BA/A 59025/59017 K024MS S Y07VS  
07041813 LY2AT/P 559 H G4UPS  
07041815 LY2SA 599/599 K014LL C G4UPS  
07041815>LY2BA/A 55 K035 H G4UPS  
07050810 LY2SA 59033/59051 K014LL C Y07VS  
07050953 LY1KAS 59051/59118 K035DG S Y07VS  
07051619 LY2CG/A 599/599 K024PT C G4UPS  
07151700 LY2SA 559 H G4UPS  
07180923>LY2BH 55 H G4UPS  
07191954 LY2FE 579/579 K005OQ C G4UPS  
08161713 LY2GR 59 /59 K015 S ON4KST  
08270130 LY2WF K024>I091 144 AU W G4RGK  
08281925 LY2FE 57>JN63FW 50.130 T72EB

## LUXEMBOURG

07051637 LX2DX 599/599 JEAN JN29WO C Y07VS  
07181801 LX1JX J030AB S EH8BPX  
08041805 LX2DX 50.104 ON5SE  
08231855 LX1JX J030AB 50.115 CT1EKF  
08271604 LX1JX J030>J023TE 50.170 PA3GXX  
08291723 LX0SIX 50.023 B PA3BFM

## MACEDONIA

07051202 Z3OM 59 /59 KN11 S ON4KST  
07051709 Z31GX 59/57 CHRIS KN11FR S G4UPS  
07071603 Z31JA 57/55 KN11CR S G4UPS  
07171909 Z32MA KN02 SM7AED  
08121654 Z31JA KN11 IW3RI 50.110  
08182231 Z31JA KN11CR>I092AJ 50.114 G6IQL  
08260740 Z31JA 55 KN11>I091 50.170 G7EXO  
08281924 Z31JA KN11CR>JN86FJ 50.103 9A2FJ  
08281927 Z31JA 50.122 OE2VEL  
08281943 Z31JA 59+ >JN53 50.122 IW5DAN  
08282000 Z31JA CQ 50.122 SP9DSD  
08282103 Z31JA KN11 CQ CQ 50.122 G3SKR

## MALTA

07101030 9H1XT 55 H G4UPS  
07031414 9H5IO 59/55 TONY JN75GV S G4UPS  
07031425 9H3AY 59/52 GOZO JN76DA S G4UPS  
07050754>9H1GP 55, 9HIAZ 559 H G4UPS  
07050754>9H3AY 55, 9H5EE 55 H G4UPS  
07141345 9H1EL JN75 SM7AED  
07151847 9H1XT 59/53 JOHN JN75GV S G4UPS  
07201115 9H5IO JN75 SM7AED  
08041805 9H1XT JN75GV 50.165 OK1JL  
08042220 9H1SIX >J033 50.025 B PA00OS  
08042309 9H1SIX 0100 50.024 B PA00OS  
08050655 9H1SIX 519 >J021 50.024 B PA3GST  
08091752 9H1PT JN75 IVAN 50.180 PA0COR  
08231051 9H5IC 59 JN75>JN88 50.127 OE3MWS

08251927 9H1XT 50.110 OE3M2C  
08260814 9H1SIX 559>J043 50.025 B DJ9YE  
08281947 9H1XT JN75GV 50.150 SP8FHK

## MALTA, Sovereign Military Order of

07271100 1A0KM 50.142 S G3HRH  
07271715 1A0KM JN61 SM7FJE  
07271715 1A0KM JN61 SM7AED  
07271733 1A0KM JN61 S ON4KST  
08011412 1A0KM S9 LONG BURST 50.140 W G3WOS

## MOLDAVIA

07041448 ER1LW/P 50.110 SM7FJE  
07051007 ER3R/P 50.110 SM7AED  
07051029 ER3R/P 50.110 SM7FJE  
07170903 ER5DX 50.110 SM7AED

## NETHERLANDS

06191018 PAFJFA 579/569 GERT JO22JP C Y07VS  
06191028 PELAGJ 599/599 HUGO JO20XX C Y07VS  
06221544 PAFHDP 599/559 JO21DL C Y07VS  
06221553 PAOLPE 599/559 BERT JO20WN C Y07VS  
06221085 PAFBFC 57/55 PETER JO22HA S Y07VS  
06230932 PELRVS 59/59 JO21 C Y07VS  
06231018 PAJADA 579/579 ERIC JO22LJ C Y07VS  
06261344 PELNXP 59/59 DIRK JO22FD C Y07VS  
07031704 PELNHA K002KE S EH8BPX  
07031711 PELFVL JO32PO S EH8BPX  
07031721 PAODDU JO33NB S EH8BPX  
07031722 PAORDY JO22 C EH8BPX  
07100920 PAFGIN 599/599 ULI JO21 C Y07VS  
07181023 PAOKRA JO21SS S EH8BPX  
07181031 PAFJFY JO32EH S EH8BPX  
07181033 PAFDXV JO21WA S EH8BPX  
07181036 PELRDP JO21WA S EH8BPX  
07181038 PELIVL JO21IS S EH8BPX  
07181053 PELRPO JO21WF S EH8BPX  
07181102 PAZVST JO22IM S EH8BPX  
07181111 PELMZZS JO21JO S EH8BPX  
07181112 PELMZZS JO23SE S EH8BPX  
07181113 PAFBLS JO22LM S EH8BPX  
07181114 PELTOTY JO22EL S EH8BPX  
07181116 PAOCOR JO23TA S EH8BPX  
07181118 PAFUFH JO33JF S EH8BPX  
07181118 PAJCTG JO32LR S EH8BPX  
07181119 PAFBFB JO33GA S EH8BPX  
07181119 PELKIQ JO33JF S EH8BPX  
07181120 PELRWR JO11SL S EH8BPX  
08040820 PAFGXV 50.151 SM5HJZ  
08040831 PELRDP 59++ 50.140 SM3VEE  
08040903 PAFGXV 57>JF73 50.150 SM3PKO  
08060842 PAFGND JO11VG>I092UA 50.140 G0PQO  
08062019 PAFGSD 55 JO33>J050 50.150 DL3AT  
08091908 PAFDWD 57 JO23 50.146 S LW5DX  
08151704 PELMZZS 59 JO21 50.115 S LW5EJU  
08151706 PELMZZS 59 JO23 50.115 S LW5EJU  
08151707 PAFDOL 52 JO22 50.115 S LW5EJU  
08151710 PAOCOR 55 JO23 50.115 S LW5EJU  
08151722 PAFGML 55 JO22 50.115 S LW5EJU  
08151724 PELMZY 51 50.115 S LW5EJU  
08181645 PELTSX 559-599 50.053 B OH9NYW  
08231510 PAOFVW 50.150 DP3JQ  
08241257 PELTSX 599>JN71 50.053 B I7CSB  
08251640 PELTSX JO22NC>JN72 50.053 B IK6TIJ  
08271548 PAFBLS 55A JO22>J060 50.092 OK1DDO  
08271603 PELPZS 55A 50.150 HB9JAW  
08291014 PAZVST 599 CQ 50.109 EA7KW

## NORTHERN IRELAND

07081906 G18FLP I074DO S EH8BPX  
07181808 G10OTC I065QE S EH8BPX  
08271414 G10OTC I065>J033 50.142 PA3FBN  
08271510 G14SNA 55A>I093 50.135 M0BNU  
08271531 G10OTC 51A I065>J021 50.122 PE1KCH  
08271648 G13TLT 57A 50.099 G3ZSS

## NORWAY

06190745 LA2PHA 599/559 JO38IB C Y07VS  
07030745 LA7SIX JP99 B SM7AED  
07030927 LA5TFA JP99 B SM7AED  
07051751 LA2PJ 599/599 EGIL JP23LS C G4UPS  
07051759 LA4PHA 599/599MAGNUS JP43TQ C G4UPS  
07171617 LA0BY 59/59 STEFAN JO59FW S G4UPS  
07171952 LA2TAA JP88 SM7FJE  
07171958 LA5TFA KP09 B SM7FJE  
07172015 LA2TAA JO88 SM7AED  
07172100 LA2TAA 55 /55 JP88 S ON4KST  
07181114 LA9VFA JO28TP S EH8BPX  
07242030 LA/SM6CMU JP61 SM7FJE  
07260836 LA/SM6CMU JP63 SM7FJE  
07260840 LA/SM6CMU M/S JP63 SM7AED  
07261253 LA/SM6CMU JP53 SM7FJE  
07270744 LA/SM6CMU JP65 SM7FJE  
07270753 LA/SM6CMU M/S JP65 SM7AED  
07281320 LA/SM6CMU JP76 SM7FJE  
07281322 LA/SM6CMU 559 JP76 SM7AED  
07281910 LA/SM6CMU 599/579 JP77 C ON4KST  
08010751 LA/SM6CMU 599/579 JP67 C ON4KST  
08010829 LA/SM6CMU JP>J001 50.110 G4ZTR  
08041444 LA VIDEO >EM10 48.249 V W6JKV/5  
08062033 CL1NAT >J059 50.132 HB9OAB  
08121814 LA9HFA/SM 599/579 JP80 S ON4KST  
08122159 LC1PAT JP51NA>IN87PR 50.180 F5JKK  
08202221 LA5TFA JP99 50.130 O21CDE  
08271116 LA4EDA JP50>J099 330 50.101 SM5HJZ  
08271133 LA2PHA 55A>J033 JO38 50.042 PA3FBN  
08271610 LA TV AU>GJ 50.00 I GJ4ICD

## POLAND

06171514 SP4MPB 599/559 JUAN C Y07VS  
07021419 SQ9CXT 55/59 MATTHEW JO90HD S G4UPS

07021434 SP9KDA 57/57 JAN JO90EU S G4UPS  
07021438 SP3QN 599 B G4UPS  
07021438 SP5SIX 599 B G4UPS  
07021511 SP2SGZ 599 G4UPS  
07021511 SP8RHP/P 559/559 BOB K020AQ C G4UPS  
07021533 SP8GVM 559/559 K011TF C G4UPS  
07021539 SP5ELA 59 G4UPS  
07021556 SP5BAK 59 G4UPS  
07031702 SP5BAK K002KE S EH8BPX  
07041439 SP5BAK 59006/59005 K002KE S Y07VS  
07041503 SP2NJE 59015/59007 JO92AT S Y07VS  
07050829 SP8DWI 59039/59000 K010ND S Y07VS  
07050830 SOOGR 59040/59015 JO74NB S Y07VS  
07050916 SP6FUN JO81GH S EH8BPX  
07050938 SP2IQW 59048/57014 JO94GM S Y07VS  
07051550>SR5SIX 599 B G4UPS  
07052034 SP2MKO JO93CB S EH8BPX  
07052037 SP2SGZ JO82UJ S EH8BPX  
07052047 SP2NJE JO92AT S EH8BPX  
07090740>SP8RHP,FP9BRP 599 H G4UPS  
07151605 SP6TRQ/9 59 /59 K000 S ON4KST  
07151609 SP9MRQ 59 /59 JO90 S ON4KST  
07151632 SP9EMU 59 /59 JO90 S ON4KST  
07151643 SR5SIX 579 B G4UPS  
07151855 SP2MKO JO93CB S EH8BPX  
07151913 SP3NNH JO81 S EH8BPX  
07161450 SP2MKO 59 <1505 H G4UPS  
07170925 SP8UFT/4 59/59 TOM K003QU S G4UPS  
07170925>SR5SIX 579 B G4UPS  
07171023 SP1PFG 55,SP5ELA 559 H G4UPS  
07171023 SP4MPH 55,SP5ELA 559 H G4UPS  
07171028>SP2SGZ 59 H G4UPS  
07171054 SP1EOI 59/58 GEORGE JO73GN S G4UPS  
07171104 SP4MPH 599/599 MIREK C G4UPS  
07171104>SP7TEC 57,SP6HEI 55 H G4UPS  
07171104>SR6SIX 599 -1135 B G4UPS  
07171630 SR6SIX 579, SP9KDA 55 B G4UPS  
07171952 SP3NQ 569, SP6NVN 59 H G4UPS  
07180818 SQ8GKA K012 SM7FJE  
07180853>SP9ERV 59 H G4UPS  
07180900 SP9DHF 59/59 FRANK JN99KR S G4UPS  
07180923 SP9AOR 59/59 STASZEK K000MA S G4UPS  
07180923>SP9BRP SP9HMY 599 H G4UPS  
07180923>SQ9ACH 59, SP9EYX 59 H G4UPS  
07180923>SQ9CXT 59, SP8RHP 59 H G4UPS  
07191012>SR5SIX 579 B G4UPS  
07191023 SR6SIX 579 B G4UPS  
07191023>SP6GZ 59 > 1030 H G4UPS  
07191031 SP9AOR 55, SP9DMS 55 H G4UPS  
07191031>SP6ELV 59, SO9SNK 57 H G4UPS  
07191202 SP9LJD 59/59 LES JO90EB S G4UPS  
07191931>SP5HEJ 559 H G4UPS  
07201656 SP9EYX 59 H G4UPS  
07210928 SP2SGZ 57 WKG OH5NE H G4UPS  
07210937 SR5SIX 599++ B G4UPS  
07210949 SP5HEJ 59/59 MARK K002ME S G4UPS  
07210950 SP5EBJ/5 59/59 JACK K002ME S G4UPS  
07210956 SP9KDA 57 H G4UPS  
07210956 SQ9ACR 55 H G4UPS  
07211010>SP9QED 55 H G4UPS  
07211035 SP9KDJ 59/59 JOHAN JO90KG S G4UPS  
07211754>SP5HEJ 579, SR5SIX 569 B G4UPS  
07211820>SP9DHF 59, SP9BRP 599 H G4UPS  
07271031 SP2MKO 59 H G4UPS  
07271100>SR6SIX 559 B G4UPS  
07281011 SP6FUN TR W SM7AED  
08040922 SP6FUN/1 JO80>IN86GB 50.145 GM4ABB  
08041758 SP8RHP K010EP>JN46ME 50.125 HB9OAB  
08061939 SP8RHP K010EP VIA PA 50.128 PA3DXA  
08061944 SP8VJ KN09>J022 50.180 PA3DOL  
08061950 SP7TTC J091>J021 50.185 ON9BGP  
08061953 SP7TTC J091>J021 59+ 50.185 PE1PKU  
08061956 J20PWS 50.145 ON9BGP  
08062000 SP4XYD 57 K012>JN19 50.130 FL1UM  
08062001 SP7TTC J091>J001 50.184 G1EUC  
08062008 SO5ASL K002 50.093 PA2VST  
08062009 SP8FHK K000>J001 50.165 G1EUC  
08062019 SQ9ACH JO90GG>J002PP 50.142 G3TOR  
08062020 SO5ASL K002JD 50.095 G3TOR  
08062024 SP7TTC J091>JN19 50.190 FL1UM  
08081743 SP2SGZ CLG CQ DX AFR 50.110 SP6ASD  
08091808 SP2MKO CLG CQ SPAIN 50.110 F5JKK  
08091918 SP6ASD 55/51 50.115 S LW5EJU  
08101430 SP6HEI CQ DX 50.110 SP6ASD  
08121050 SP9KDJ 50.110 4Z5JA  
08151111 SP1EOI 59 /59 JO73 S ON4KST  
08182228 SP2SGZ 55>I075 50.110 MM0AMW  
08222029 SP6ASD JO81>JN72 55 50.125 IK6TIJ  
08230741 SP9ACH >I092UA 50.125 G0PQO  
08230839 SR8SIX KN19CN>I092 50.026 B G4VFD  
08231838 SP6ASD 59>I091 50.125 G3SKR  
08231838 SP6HEI JO81>I080 59 50.130 G8KRT  
08231905 SP9JNO SP90>I091 599 50.105 G0RRJ  
08231932 SR5SIX K002OF 599 50.022 B F5JKK  
08231934 SP6ASD 500 50.105 F5JKK  
08232039 SP5CC 50.106 SP6ASD  
08260619 SP8DWI 51 >JN71 50.115 I7CSB  
08271402 SP1CHV JO84! 50.124 PA3FBN  
08271418 SP2BNJ JO94 57A>J041 50.120 DK2PH  
08271435 SP1CHV JO94 59A>J060 50.124 OK1DDO  
08271501 SP2SGZ 59A JO82>J060 50.129 OK1DDO  
08281906 SP2SGZ JO82>J041 50.107 DK2PH  
08281923 SP1NQN CQ CQ 50.110 IK7TRR

## PORTUGAL

07011109 CTOSIX 569 & 2000 B G4UPS  
07011145 CT1DXY 59, CT1HB 59 G4UPS  
07011145 CT1XT 55 G4UPS  
07011740 CT1DXY IN51, CT1FAC IN50 H SM7AED  
07031528 CT1DXY 59 G4UPS  
07031555 CTOSIX 599 B G4UPS  
07031610 CT1HB 59 G4UPS  
07051042 CT1BQH 599/599CARLOS IM59SL C G4UPS  
07051042>CTOSIX 599 -1050 B G4UPS  
07080750 CTOSIX 599 B G4UPS  
07101640 CTOSIX,CT0WW 599+ B G4UPS



07101652 CT1FAK/P 57/57 RUI IM57 S G4UPS  
07101654 CT98AVR 57/57 VEIGA INS0TE S G4UPS  
07121820 CTOWW,CTOSIX 599 B G4UPS  
07121838 CT1CLR 59/59 DOM INS0QP S G4UPS  
07121855 CT1HB 55 H G4UPS  
07121818 CT/F6EPY 59/59 ROGER IM58HR S G4UPS  
07151155>CTOSIX,CTOWW 599 B G4UPS  
07151242 CT1FJC 59/57 MARK IM57OC S G4UPS  
07151812 CT1EKF INS0SU S EH8BFX  
07181210 CTOWW 599 B G4UPS  
07181220 CTOSIX 599 B G4UPS  
07181226 CT1DHW 59 WKG OZ H G4UPS  
07181733 CTOWW 579 B G4UPS  
07181837 CTOSIX 599 H G4UPS  
07181858 CT1DX 59+ CT1CLR 59 H G4UPS  
07182327 CT4QP IM59PF S EH8BFX  
07190745 CTOWW IN61 B SM7AED  
07191146 CT4QP IM59PF S EH8BFX  
07200835 CTOWW -1520 IN61 B SM7AED  
07200935 CTOWW 599, CT1HB 59 B G4UPS  
07201437>CT1DX 59 H G4UPS  
07201930 CT1CLR 55 H G4UPS  
07211531 CT1DX IN51PE S EH8BFX  
07211531 CT1HB IN50XS S EH8BFX  
07212130 CTOWW IN61 B SM7AED  
072171325 CTOWW,CTOSIX 599 B G4UPS  
08011104 CTOWW 559>J053 50.030 B DLISUZ  
08011335 CTOWW 57 >JN49 50.031 B DL9GU  
08011437 CTOWW WEAK>J033 50.030 B PA3HBH  
08021003 CTOWW MS UP>5 SEC 50.030 B PE1RDP  
08031534 CTOWW 559>J081 50.030 B SP6ASD  
08041015 CT1BQH 50.095 SM5HJZ  
08041029 CT1BQH 599 IM59>JP81 50.094 SM3VEE  
08041033 CTOSIX 559 >KP07 50.031 B SM2HTM  
08041042 CT1HB 59 IN50>JP81 50.180 SM3VEE  
08041409 CTOWW 579>J081 50.030 B SP6ASD  
08041448 CT VIDEO >EM10 V W6JKV/5  
08041546 CTOWW 59+40>I090 50.030 B GB3RN  
08050100 CTOWW 579 >I093 50.030 B G6YIN  
08061037 CTOWW 379 >I093 50.030 B G7LXK  
08062054 CTOWW 599+ >JN46 50.030 B HB9OAB  
08062056 CSOSIX 559+ >JN46 50.031 B HB9OAB  
08062109 CTOWW IN61>J081 599 50.030 B SP6ASD  
08062119 CTOWW >J081 50.030 B SP6ASD  
08062242 CTOWW 599 > I080 50.030 B G8KRT  
08071513 CTOWW JM78QF 599 50.030 B IW9CER  
08112043 CTOWW 57 50.028 B ON1IM  
08112048 CT4KQ 50.105 PA2VST  
08112110 CTOWW 589>J001 50.030 B G0IRW  
08112125 CTOSIX >FN20 50.031 B W3BO  
08121654 CTOWW 559>JN65VO 50.030 B IV3LNQ  
08141136 CTOSIX WEAK W/USB 50.032 B VE1IW  
08171620 CTOWW,CTOSIX 579 50.030 B G8KRT  
08211922 CTOWW >JN65TX 50.030 B S59F  
08212000>CT > I090AT >2100 G00FE  
08212050 CTOWW 599 IN61>IN89 50.030 B GUTDHI  
08213179 CT1BES CQ DX 50.110 PA00OS  
08213802 CTOSIX 599>J010 50.031 B ON1LGS  
08213805 CTOWW,CTOSIX LOUD 50.030 B ON4GG  
08213817 CT1DNF IN50>J020 59 50.120 ON4GG  
08213905 CTOSIX 559>I091 50.031 B G0RRJ  
08213948 CTOWW IN61GE>JN48 55950.030 B DF4UE  
08241017 CTOWW 557 JN61 50.030 B IWOGIV  
08241047 CTOWW 55 QSB JN45 50.030 B IW1CAA  
08241059 CTOWW JN47 59 50.030 B HB9PWQ  
08241605 CTOWW > J081 50.030 B SP6ASD  
08241815 CT1CBI 50.115 ON9CFB  
08241815 CT98CEI 50.115 LX1JX  
08251448 CTOWW 559 JN61 50.030 B IWOGIV  
08281831 CTOWW 579 50.030 B IKOOKY  
08281946 CTOSIX 519>JN48 50.031 B DL2GBT  
08291036 CTOWW 55>J022 50.030 B PA2VST  
08291400 CTOWW 559 >JN65VO 50.030 B IV3LNQ  
08291714 CTOWW 549 50.030 B IT9RZR

## ROMANIA

07050929 Y08MW KN36 SM7FJE  
07051015 Y08KVS/P KN36 SM7AED  
07051535 Y08BPY 57 /59 S ON4KST  
07071539>Y0TVS 559 H G4UPS  
07080644 Y0TVS, Y0TVJ KN14 SM7AED  
07150833 Y0TAQF KN24 SM7AED  
07151723 Y04AUL 55 KN44 H G4UPS  
07171834 Y0TAOT 59 /59 KN14 S ON4KST  
07172041 Y0SCRQ 59 /55 KN17 S ON4KST  
07180739 Y04NF KN44 SM7AED  
08040724 Y04CIS 59+ KN43>J033 50.130 PA00OS  
08041805 Y04AUL 57 KN44>J011 50.120 ON7EG  
08041810 Y0TVS CQ UK 50.098 ON5SE  
08041841 Y0TVS CW 50.098 F1TAY  
08050643 Y04FYQ KN44HE 50.112 S53VJ  
08050648 Y04FYQ S7 KN44>JN26 50.110 P8OP  
08050705 Y04FYQ 55 WITH G 50.110 G7EXO  
08050715 Y03KMW 559 KN34>J060 50.073 OK1FPD  
08050720 Y03KMW 559 KN43>JN45 50.075 IW1CAA  
08050728 Y04FYQ 59 KN44 50.135 IW1CAA  
08050728 Y0TVJ 59 KN14 50.135 IW1CAA  
08061953 Y04AUL 50.110 B PA3HBH  
08062008 Y04AUL 59 KN44>JN19 50.110 P1UMW  
08062015 Y0TAQF KN34 >JN19 50.135 P1UMW  
08062049 Y04AUL KN44HE>JN25XU 50.110 P1GCX  
08150940>Y0TVS KN44>I090AT Es 144 W G00FE  
08190833 Y08BPY 55> J022 50.102 PBOANX  
08230723 Y08BPY KN37TE>J022KJ 50.100 PAORDY  
08281912 Y02DM 50.120 OZ5AGJ  
08281912 Y04FRJ/P59+JN34>JN54 50.120 IW4BET  
08281922 Y0TAQF KN24KU>J022FE 50.122 PE1RSR  
08281928 Y02QC/P KN15>J022FE 50.140 PE1RSR  
08281929 Y0TAQF 59+ >JN53 50.150 IWS DAN  
08281946 Y02IS JN62-KN05 50.110 IW0EUI  
08282010 Y02QC/P KN15>I092 50.140 G4VPD

## RUSSIAN FEDERATION (Europe)

07050945 UA1WJ 599049/599000 KO47EU C Y0TVS  
07051052 UY5ZZ KN77 SM7AED  
07051052 UY5ZZ KN77 SM7FJE

07171830 RA3RQT KO95 SM7FJE  
07180808 RV3ANU/P 48 /59 S ON4KST  
07191801 UY5OZ KN77 SM7FJE  
07191805 UY5OZ KN77 SM7AED  
08041649 UY1HY 599/599 KO60 C ON4KST  
08061847 UY1HY 50.096 ON4ANT  
08061848 UY1HY KO60>J031 50.104 DF8QB  
08061939 UY5HZ? KN77>I090 50.117 G3IBI  
08061942 UY5OZ KN77MT>I090 57 50.118 G3IBI  
08062026 UY5OZ KN77 52 QSB 50.118 H ON9BGP  
08141346 UY1HY KO60MA 50.126 DAOND  
08150809 UY5OZ 57 /57 KN77 S ON4KST  
08180929 UY1HY KO60MA 50.122 SP2SGZ  
08230802 UA1WJ KO47>J060 549 50.101 OK1DDO  
08230807 UA1WJ KO47EU>J070FC 50.120 OK1MP  
08230819 UA1WJ KO47>J061 50.101 DL3DXK  
08261816 UY5OZ KN77>JN87 56 50.110 OE3HHB  
08261819 UY5OZ KN77MT>JN86EH 50.116 PA8A

## SAN MARINO

07151600 T77C/A 599/599 TONY JN63FW C G4UPS  
07151620 T77C/A JN63 SM7FJE  
08020838 T72EB/A CQ ,CQ 50.125 S59F

## SARDINIA

06181101 IS0/IW3FLL 59/59 QSB JN40US S Y0TVS  
07071617 IS0MVE 599/549 VIT JM49MF C Y0TVS  
07150932 IS0MVE 599/599 VIT JM49OF C G4UPS  
07151920 IS0QDV 57 H G4UPS  
07170850 IS0SME 44 H G4UPS  
07172206 IS/TOER JN41 SM7AED  
07172210 IS/TOER JN41 SM7FJE  
07200745 IS/TOER JN41 SM7AED  
08041839 IS/TOER J053>JN41 50.133 DL1SUZ  
08062055 IS0AGY CLNG DX 50.110 PA3GML  
08062058 IS0AGY 50.160 PA3GML  
08131843 IS0SIX JN49OF 50.164 IS0AGY  
08212155 IS0AGY CQ S AMERICA 50.110 GUTDHI  
08230936 IS0AGY JM49>J070 50.110 OK1MP  
08231858 IS0AGY 50.130 GJ4ICD

## SCOTLAND

07031636 GM3J1J IO68 SM7FJE  
07051434 GS7UGW/P IO66 SM7FJE  
07081826 GM0BWU IO84BW S EH8BFX  
07081837 MM1BUO IO87WI S EH8BFX  
07081852 GM4OBD IO87XI S EH8BFX  
07081910 MM1BMK IO87VL S EH8BFX  
08010923 GB3RML 529 IO77>J021 50.060 B ON9BGP  
08010939 GB3RML IO77 50.060 B ON9BGP  
08011144 GB3RML 579 >IN89 50.060 B GUTDHI  
08042234 GB3LER MS 1ST DAY HR 50.064 B PA00OS  
08061139 GB3LER AURORA>I075 50.064 B MM0AMW  
08061232 GM3POI 53A IO88 50.100 DJ6TK  
08061242 GM3POI 55A IO91 50.100 G3NVO  
08061250 GB3LER 429A >I091 50.064 B G7LXK  
08062241 GB3LER 54 350' AUPOR 50.064 B PA00OS  
08062254 MM0AMW 53A 320' 50.103 PA00OS  
08070003 GB3LER 52A 50.064 B SMORUX  
08112038 GB3RML CONTINUOUS 50.060 B PELMZS  
08122359 GB3LER AURORA 50.062 B OY9JD  
08131837 GB3RML 50.060 B EA7KW  
08151735 GM3POI 55 IO88 50.115 S LW5EJU  
08192331 GB3LER AURORA>I075 50.064 B MM0AMW  
08201557 GB3LER AUR>I075 50.064 B MM0AMW  
08221909 GB3LER 51A>J023 50.064 B PELMCD  
08231838 GB3RML IO77>JN76RT 50.060 B OE6LGO  
08241830 GB3LER IP90>JN76RT 50.064 B OE6LGO  
08241849 GM7TKA 55 59 50.115 HB9OAB  
08252358 GB3RML 559>IN89RL 50.060 B GUTDHI  
08261229 GB3LER IP90QD>I081KA 50.064 B G3MOJ  
08261540 GB3LER AURORA>I075 50.064 B MM0AMW  
08261709 GB3LER 52A >J023 340 50.064 B PELMCD  
08261744 GB3LER IP90>I093 437A50.064 B G7LXK  
08262207 GB3LER 52A >I085 50.065 B MM0BQI  
08270802 GB3LER 52A>I085 50.065 B MM0BQI  
08270830 GM3POI 59A IO88>I091 50.099 G3SKR  
08271104 GB3LER 57A IP90>I093 50.064 B G6YIN  
08271345 GM1KQ 58A IO76>I091 50.145 G3SKR  
08271430 GM3POI IO88>J031 A 50.095 DJ4AX  
08271445 GM3J1J IO68>I093 59A 50.160 G6YIN  
08271507 GM3J1J 55A IO68>J021 50.160 PELMZS  
08271558 GM3WOJ 55A IO77>J021 50.215 PELKX  
08271644 MM0AMW 59A IO75 50.136 G3ZSS  
08281949 GB3RML 559>J080HK 50.060 B SP6GWB  
08290958 GB3RML 559 >JN54PG 50.060 B IW4BET  
08291009 GB3RML >JN36 55 50.060 B HB9STY

## SERBIA

07050720 YTLAU 599031/599018 KN03JG C Y0TVS  
07050725 YTLAU 599/599 KN03JG C G4UPS  
07050726 YTL2 599/599 KN13HI C G4UPS  
07050804 YU7FU 59/57 KN04HV S G4UPS  
07050830 YU7AU 59/57 LUBA KN04HU S G4UPS  
07051017 YUILA 59/59 KN04FR S G4UPS  
07071539 YULACR 599/599 KN13HI C G4UPS  
07071547 YULACR 449/599 FILIP KN13HI C Y0TVS  
07071806 YULACR 559/599 FILIP KN13HI C Y0TVS  
07071915 YULACR 599,YULISIX 559 B G4UPS  
07081819 YTLAU KN04CP S G4UPS  
07081825 YU7AU KN04HU S EH8BFX  
07081830 YULR JN94OM C EH8BFX  
07090816 YULACR 599/599 KN13HI C G4UPS  
07120532 YULBT 599/559 MILE KN03KN C Y0TVS  
07150845 YU1VG SM7AED  
07151233 YULAA 55 H G4UPS  
07151600>YULISIX 579 & 1810 B G4UPS  
07180734 YULKM 559 H G4UPS  
07180736 YTLAU 5599/599 ZIKA KN04 C G4UPS  
07180810 YULBT 579/579 KN03KN C G4UPS  
07200740 YULISIX 569 B G4UPS  
07200753>YULAA 559 H G4UPS  
07200755>YULKM 559 H G4UPS  
07211630 YU H SM7AED

07211751 YULIEU 599/599 KN04 C G4UPS  
07211751>YU7AU 59, YULHQR 59 H G4UPS  
07211754 YTLAU 59/59 ZIKA KN04CP S G4UPS  
07211754>YULISIX 579 B G4UPS  
07220805 YU H SM7AED  
07271707 YULHQR JN94 SM7AED  
07271803 YTLAU 339 H G4UPS  
08041802 YTLAU CQ 50.104 ON5SE  
08041816 4NOSIX 559>JN48 50.005 B DL8SET  
08041847 YULPV 50.145 FITAI  
08062021 YTLAU KN05CP>J002PP 50.100 G3IOR  
08150940 YU7EW KN05>I090AT Es 144 W G00FE  
08150940>YU7UK JN94 Es 144 W G4RGK  
08150940>YU7ON, Y27NOC JN95 Es 144 W G4RGK  
08180818 YU7AU KN04 59 50.125 GUTDHI  
08182230 YULLA KN04FR>J029AJ 50.139 G6IQL  
08211156 YULR 59 JN94OM 50.139 GUTDHI  
08211832 YULHQR 59>IN89RL 50.115 GUTDHI  
08241444 YULAUT KN04 50.115 GB7ADX  
08241823 YU7AU CQ CQ 50.115 GW7SMV  
08281925 YULVG JN94 50.130 OZ5AGJ  
08282009 YU7AU KN04HU>J022FE 50.134 PE1RSR  
08282010 YTLAU CQ CW 50.105 PBOALN  
08282113 YTLAU 59 KN04CP 50.125 GUTDHI  
08291017 4NLSIX? ONLY SPACES 50.004 B EA7KW

## SICILY

07011348 IT9RZR JN76 SM7AED  
07100935 IT9RZR/8 JN89 SM7AED  
07110909 IT9RZR/8 JN78 SM7FJE  
07141329 IT9RZR/8 JN89 SM7AED  
07170835 IT9RZR 55 H G4UPS  
07271735 IT9RZR <1817 JN78 H SM7AED  
08041541 IT9KSS CQ DX JN68 50.110 H DL4ALM  
08041808 IT9RZR JM76>JN67 50.145 OE2LCM  
08061053 IT9KSS 59>JN19 CLG A 50.110 FLIUMW  
08062034 IT9RZR CQ 50.160 OK1JL  
08062059 IT9RZR 50.159 PA3GML  
08141037 IT9RZR JN68>I092 50.110 MOKAD  
08171740 IT9RZR 59>JN48 50.125 H DG3GAG  
08232051 IT9RZR 50.120 FLNPG  
08281757 IT9RZR 59 50.110 ZS6GJ  
08282127 IT9RZR CQ DX 50.110 ON1AEN  
08282132 IT9RZR 59+CQ AFRICA 50.110 PELOOY  
08282134 IT9RZR CQ AFRICA 50.110 G6YIN  
08292127 IT9RZR CLG CQ DX 50.110 ON1AEN

## SLOVAKIA

07151659 OM3EY 559/559 JN98DQ C G4UPS  
07211754 OM2DX 59 H G4UPS  
07211906 OM3KFF 599/599 RASTO JN88MD C G4UPS  
08041812 OM5KM JN58 50.160 IS0AGY  
08231931 OM5KM JN98>J001 59 50.120 G8RZA  
08241453 OM5KM 59 >I080 50.120 G8KRT  
08241507 OM5KM 59 IO91 50.120 G7EXO

## SLOVENIA

07031532>S53J 59+ G4UPS  
07050721 SS2KH/P 599/599 KN13HI C G4UPS  
07050733>S55ZRS B G4UPS  
07050804>S5LAG 59 H G4UPS  
07050814 S53WZ 59/59 DRAGO JN86BJ S G4UPS  
07050859 S59A 599/599 DRAGO JN76 C G4UPS  
07151233>S57AC 559 H G4UPS  
07151700>S5LMQ 57 H G4UPS  
07180747 S58J 5599/599 C G4UPS  
07200955 S5LAG 59/59 MILOS JN65TM S G4UPS  
07211754>S57AC 59, S5LAG 59 H G4UPS  
07211939 S59A 599/599 DRAGO JN76 C G4UPS  
07271735 S53J <1817 JN75 H SM7AED  
08010854 S55HH 50.112 SM3PXO  
08041109 S57AC JN76>J099 50.101 SM5HJZ  
08091835 S59A 55 JN76 50.110 S LW5DX  
08091846 S59A 59 JN66 DRAGO 50.110 S LW5EJU  
08091850 S5ON 51 50.115 S LW5EJU  
08091851 S57A 59 JN65 JORGE 50.115 S LW5EJU  
08112106 S58J 27 37 MS 50.170 W PELPZA  
08142155 S59A CQ SSB WEAK 50.110 VE1IW  
08171158 S55ZRS JN76>J089 559 50.014 B SK0CT  
08241311 S55ZRS JN76MC>JN54XJ 50.014 B IZ4AIB  
08241437 S53VJ JN65 50.115 GB7ADX  
08241711 S59A CQ 50.110 PA3JZ  
08241824 S59A CQ 50.110 DK7ZB  
08251349 S55ZRS 50.014 B EA7KW

## SPAIN

06171100 EH3TA 59/59 EMIL JN11AM S Y0TVS  
06181120 EH3CUU 599/599 JN12FE C Y0TVS  
06181129 EH3TA 59/595 QSB JN11AM S Y0TVS  
06181655 EH3DUW 59/59 EMIL KN14VG S Y0TVS  
06231533 EH3DUW 59/57 PEDRO JN12LJ S Y0TVS  
07011109 EH3ALV 579/569 XAVI JN11CJ C G4UPS  
07011145 EH3TA 59 G4UPS  
07011302 EH5UB 55 -1320 G4UPS  
07011722 EH1AGZ/P IN71 S EH8BFX  
07011740>EH1EH IN82, EH1AGZ/P IN71 H SM7AED  
07011815 EH5DFV 59, EH3ADW 59 G4UPS  
07011830 EH1AGZ/P IN71 SM7FJE  
07012009 EH7AH 599 G4UPS  
07012021 EH1EH 599/599 IN82 C G4UPS  
07031420 EH1EH, EH3EO, EH7GTF H SM7AED  
07031550 EH7KW 59 G4UPS  
07050635 EH1DUY/P 59026/59048 S Y0TVS  
07050741 EH7ON 59/59 G4UPS  
07050801 EH3ACE JN01 SM7AED  
07050852 EH3EVE 59 /59 IN90 S ON4KST  
07050900>EA3VHP 599+ B G4UPS  
07050905 EH3ECE 59/59 S G4UPS  
07050920 EH3CUU 59/59 JN12FE S G4UPS  
07050920>EH7AH 599+ B G4UPS  
07050940 EH3TA 59/59 JN11AM S G4UPS  
07050945 EH3ARR 59/59 TONI JN00GQ S G4UPS  
07051021 EH5AAJ 59/59 JN99SL S G4UPS  
07051120 EH5GMI IM99 SM7AED



07071550 EH3ADW 59/55 JERY JN11 S YO7VS  
07071752 EH2LH 59/59 HENRY IN39AH S YO7VS  
07081851 EH7KW IM67XI S EH8BPX  
07121838 EH5UB 59 H G4UPS  
07121845 EH5GMI 51/51 STEFAN IM99TL S G4UPS  
07121906 EH5BIF 559/59 JUAN IM99XX W G4UPS  
07151314 EH5CHT IM97EK S EH8BPX  
07151331 EH1KV/P IN52OG S EH8BPX  
07151341 EH1AFP IN52RU S EH8BPX  
07171047 EH7KW 599/599 C G4UPS  
07181005 EH1TA IN53SI S EH8BPX  
07181006 EH1DAX IN53TH S EH8BPX  
07181021 EH4EED IM68MU S EH8BPX  
07181039 EH4BPJ/P IN72HU S EH8BPX  
07181053 EH4BPJ/P IN72 SM7FJE  
07181056 EH3MD 59 H G4UPS  
07211057 EH4BPJ/P 59 /59 IN72 S ON4KST  
07181058 EH7AH IM67OG S EH8BPX  
07181101 EH1KV IN52 S EH8BPX  
07182331 EH7AH IM67OG S EH8BPX  
07201250 EH5UB JM08 SM7AED  
07201305 EH5SUB 57 H G4UPS  
07201309 EH5DNO 57/56 RAY IM99XX S G4UPS  
07201358 EH4BPJ/P 59/59 JOSE IN72HU S G4UPS  
07201437 EH7AJ 59 H G4UPS  
07201824 EH1AGZ/P 59/59 IN71 S G4UPS  
07271250 EH1DAV IN53 SM7AED  
07271336 EH7AH 59, EH1KV 599 H G4UPS  
07271336 EH4BPJ/P 59 IN72 H G4UPS  
07271513 EH5CHT 55 H G4UPS  
07281910 EH1TA IN53SI S EH8BPX  
08011055 EH1EHL IN82>JO45 50.105 OZ6E1  
08040801 EH3/EH1BLA JN01>JO22 50.157 PA2VST  
08041108 EH1DAV 559 IN53>JP81 50.102 SM3VEE  
08041529 EH7AH WKG UK 50.125 EA7URE  
08061940 EH4BAS/P IM98TL 59 50.125 HB9OAB  
08062058 EH7BVD IM77OV 50.132 HB9OAB  
08062235 EH4AV IM88>IO93 50.112 G6YIN  
08081752 EH3TH CQ 50.107 SP6ASD  
08081755 EH5CJ 50.120 SP6ASD  
08131916 EH7KW 50.115 G7BXK  
08141038 EH4BPJ/P IN72>IO92 50.130 MOKAD  
08141232 EH1DRV 50.104 W3EP/1  
08141236 EH2LU CLG CQ 50.106 WL1JM  
08141241 EH2LU IN92 50.105 C W4DR  
08190853 EH4BAS/P 59 IM98TL 50.131 GUTDHI  
08190901 EH5FKW IM98BP>IN89RL 50.120 GUTDHI  
08211925 EH1EH CQ 50.109 S59F  
08212000>EH > IO90AT >2100 G00FE  
08231931 EH5DNI IM99XX 50.121 ONAGG  
08232024 EH1EH CQ SIX 50.112 SP6ASD  
08232045 EH3CUU CQ 50.106 SP6ASD  
08240810 EH4BAS/P 59>IO90 50.110 G3TBI  
08240810 EH4EHS >IO91 50.110 G7EXO  
08241113 EH1DAV IN53>JN86 50.110 A8A  
08241811 EH5PAK IM98 50.130 ON4GG  
08241813 EH5AAJ IM99 50.130 ON4GG  
08241818 EH5VD 57 QSB 50.130 PE1RSR  
08241820 EH5AAJ IM99SL>IO92UA 50.165 G0POO  
08251532 EH4BAS/P IM98>JO22 50.110 PA3BPM  
08290941 EA/VIDEO >BAND 48.250 V PA3BPM

## SWEDEN

06190718 SM6VYK 59/59 TOMAS JO68EG S YO7VS  
06191100 SM7BYU 599/599579 JO65LS S YO7VS  
06230637 SM7WDS 59/59 GEORGE JO66WO S YO7VS  
06280845 SM7VXS 59/59 TORSTEN S YO7VS  
06300854 SM3BIU 599/579 BAS JP73ST C YO7VS  
07020734 SM7AED 599/559 C G4UPS  
07031000 SM7AED 59+/59+ JO65 S G4UPS  
07031411 SK3SIX 599 & 1610 & 2055 B G4UPS  
07031615 SM3JGG 59/59 STAFFAN JP71LJ S G4UPS  
07031703 SM3EQY JP81FI S EH8BPX  
07040745 SM7AED 339 WKG G3CCH H G4UPS  
07041443 SM5NVF 59008/59005 JO89NP S YO7VS  
07041452 SM0STC 59012/59001 JO99CP S YO7VS  
07050822 SM7BAE 59016/59002 JO65OP S YO7VS  
07050843 SM7FJE 599041/599032 JO65ML C YO7VS  
07050923 SM0FMT 59043/57004 JO89VJ S YO7VS  
07050925 SM5WPM 44044/55053 JO89HQ S YO7VS  
07051004 SM7BKZ 59053/59003 JO86GQ S YO7VS  
07051013 SM6CMU 59056/59005 JO57XK S YO7VS  
07051047 SM7UZB 59058/55002 JO87ET S YO7VS  
07051053 SM0GJK 59059/59003 JO99LJ S YO7VS  
07051013 SM7FIG 59060/59009 JO78LA S YO7VS  
07051550>SM1BSA 559 H G4UPS  
07051608 SM5WPM 59/59 MICHAEL JO89HQ S G4UPS  
07080644 SM7AED 59/59 ARNE JO65 S YO7VS  
07100740 SM7AED 579/559 ARNE JO65 C G4UPS  
07120746 SM7AED 579/559 C G4UPS  
07130740 SM7AED 579/559 JO66 C G4UPS  
07171522 SM7AED 59/59 ARNE JO65 S G4UPS  
07171540 SM6CMU 599/599 INGO C G4UPS  
07171546 SM7KNV 59/59 LEIF JO88MW S G4UPS  
07171605 SK3SIX 599 B G4UPS  
07171624 SM3JGG 599/599 STAFFAN JP71 C G4UPS  
07171850 SM7FJE 59+/59+ BO JO65 S G4UPS  
07171857 SM7AED 59/57 ARNE JO65 S G4UPS  
07171918 SM7NIT 55, SM7WCZ 59 H G4UPS  
07181052 SM7BAE JO65OP S EH8BPX  
07181057 SM7FJE JO65 S EH8BPX  
07181109 SM2HTM KP07IE S EH8BPX  
07200736 SM7AED 559/449 MS C G4UPS  
07210738 SM7AED 599/459 MS C G4UPS  
07220723 SM7BOU 59/57 JO66 S G4UPS  
07220733 SM7AED 559/459 C G4UPS  
07221020 SK3SIX 559 B G4UPS  
07221024 SM3GSK CLAS JP81JE W G4UPS  
07230735 SM7AED 559/339 C G4UPS  
07240734 SM7AED 559/559 C G4UPS  
07250734 SM7AED 559/449 C G4UPS  
07260745 SM7AED 559/599 C G4UPS  
07270938 SM7HQD 599/599 GORAN JO87HS C G4UPS  
07270950 SM7TZK 599 H G4UPS  
07271100>SM3GSK 57, SK3SIX 559 H G4UPS  
07271128 SM7RMA 59 H G4UPS

07271129>SM5CZK 599 H G4UPS  
07271201 SM7FJE 59/59 BO JO65 S G4UPS  
08040807 SM7VHS 50.133 PA2VST  
08041136 SM7GMU JO78>JO99 50.100 SM5HJZ  
08041807 SM2HTM KP07IE>JN52 50.125 IZ5EME  
08060942 SM3RPP JP74>JP81 50.115 SM3GSK  
08061245 SM7OYP LARS 55A>JO66 50.097 DJ6TK  
08061946 SM3RPP 59 JP74>JO42 50.157 DL90BD  
08061950 SMONCL >JO59 50.142 HB9OAB  
08062013 SM3GSK JP81 50.195 PA3GML  
08062042 SM7CMV JO75AM>JN25XU 50.136 FIGCX  
08062248 SK3SIX 52 AU JP71X 50.070 B PA00OS  
08141038 SM2HTM KP07>IO92 50.126 MOKAD  
08170908 SK3SIX 599 >2 HRS 50.070 B GM0EPT  
08182145 SM7CMV JO75AM>IO92AJ 50.125 G61QL  
08202204 SM2HTM 50.130 OZ1CDE  
08222148 SM2HTM 50.110 OX3LX  
08230944 SM3GSK JP81JE 50.120 IW3GRN  
08231024 SM0GJK 59>JO11 50.145 PD0HCV  
08231043 SM7FJE 57 CLG CQ 50.110 H G4VPD  
08231102 SM3EQY JP81FI>JN86EH 50.109 9A8A  
08251837 SK0UX 59 JO99>JO21 50.130 PE1PZS  
08261755 SM6CMU 55A>JO91 50.100 G3SKR  
08262154 SM3EQY 59A 50.130 MM1BUO  
08262302 SM3EQY 50.110 G6YIN  
08271210 SM5HJZ 59A>20DB>KO29 50.095 ES1CW  
08271213 SM5CZK 59A>JO81 50.114 SP6ASD  
08271308 SM7FJE 57A >JO21JO 50.118 PE1M2S  
08271326 SM7WCZ 57A JO66>JO60 50.125 OK1DDO  
08271348 SM7AED JO65 59A>JO60 50.118 OK1DDO  
08271356 SM7WCZ 59A>JO31 50.135 DJ4AX  
08271502 SM7AED JO65>JN48 50.118 DL2GBT  
08271522 SM7FJE JO65>JO70 50.118 OK1ACF  
08271602 SM7BYU 55A JO65>JO60 50.160 OK1DDO  
08281913 SM3EQY 50.110 HB9BIN  
08281926 SK3SIX JP71>JN48 559 50.070 B DF4UE  
08281939 SM7URQ 59+ >JN53 50.118 IW5DAN

## SWITZERLAND

06181055 HB9SVL 59/57 BEN JN36BK S YO7VS  
06181024 HB9HFK 59/59 JACK JN36LQ S YO7VS  
06210652 HB9ONN 59/59 MARK JN37NC S YO7VS  
07050911 HB9SVL 59/59 JN36BK S G4UPS  
07051618 HB9HLM 59/59 JN66KX S YO7VS  
07151954 HB9OAB JN46ME S EH8BPX  
07201312 HB9DKM/P 57/57MARTIN JN46KD S G4UPS  
07201413 HB9CQ 539/539 PIERRE JN47KJ C G4UPS  
07212055 HB9OAB 55 H G4UPS  
08091800 HB9RDE JN37 50.110 ON9BGP  
08091919 HB9RUZ 51 50.115 L W5EJU  
08231110 HB9HLM >JN39 50.140 H FLNGP  
08241900 HB9OAB JN46>IO93 59+ 50.115 G7LXK

## UKRAINE

06251410 UT2HN 599/599 KN79OI C YO7VS  
07021556 UT1PA 599 G4UPS  
07041457 UO0XF KN45 SM7AED  
07051045 UT8AL/P 599/592 KO62 C ON4KST  
07051050 U55CCO KN59 SM7AED  
07150727 UR5LX KO70 SM7FJE  
07151735 UT2IZ 54 /59 KN88 S ON4KST  
07171126 UR5GL KN66 SM7AED  
07180732 UT0TU KN87 SM7AED  
07180809 U55EKL KN78 SM7AED  
07180856 UT1PA KO21 SM7AED  
07190908 UT0TU KN87 SM7AED  
07190915 U55EKL KN78 SM7AED  
07191823 UO7LRL KO80 SM7FJE  
07191835 UO7LRL KO80 SM7AED  
07210935 UT1PA 59/59 KO21FC S G4UPS  
08040719 UT2IZ 50.148 IW3RI  
08040720 UO0XC 50.120 IW3RI  
08041802 UT0XP KO21>JN36 57 50.139 HB9STY  
08041818 UT1PA CQ CQ.. 50.153 ON9BGP  
08041828 UR5ZEL KN56 CW 50.103 I5MCK  
08061844 UO0TB 50.102 PA2VST  
08061957 UT2IZ KN88 50.131 G3WOS  
08062000 UT2IZ KN88>IO90 50.131 G3IBI  
08062001 UT2IZ KN88>JO90 50.131 SQ9ACE  
08062002 UR5LX 579 KO70>JN59 50.103 DL7QY  
08062003 UR4LL 55 KO70>JO50 50.160 LD3AT  
08062030 UR5LX CW 50.104 OK1JL  
08062030 UT2IZ 53 KN88>IO80 50.131 G8KRT  
08062032 UR5LX KO70>IO90 599 50.103 G3IBI  
08062047 UO0TB KN88 50.101 OM5KM  
08062107 UT2IZ CQ 50.131 SP6ASD  
08062116 UO0TB CQ 50.151 SP6ASD  
08150751 UO0XZ 559/599 KN67 C ON4KST  
08160730>U55CCO H UN3G#  
08271523 UT1PA 50.103 SP4MPB  
08281910 U55CQ KN59UM>JN86FJ 50.145 9A2PJ  
08281924 UR5ZEL 50.105 OZ2VEL  
08281951 UR5ZEL 599 KN56XX 50.102 IK00KY  
08282003 UR5ZEL 59 >JN53 50.123 IW5DAN

## WALES

06190710 GW4GTE 5957/57 DAVE IO83LE S YO7VS  
06221536 GW3RME 579/559 IO82 C YO7VS  
07051535 MW0BBU IO71 SM7AED  
07081845 GW4VHT IO73SG S EH8BPX  
07151330 GW0TAU IO81BO S EH8BPX  
07181727 GW6ASA IO81EM S EH8BPX  
07181736 GW7LHI IO81CN S EH8BPX  
07181739 GW6VZW IO81LQ S EH8BPX  
07181739 GW7SMV IO81LN S EH8BPX  
07181840 GW0GVI IO73TG S EH8BPX  
07190934 GW7SMV IO80LN S EH8BPX  
08151756 MW0BBU 55 /58 IO71 S ON4KST  
08151805 MW1CMD 59 /59 IO71 S ON4KST  
08232132 GW4VEQ STRONG 50.110 EA9AJ  
08241846 GW4VEQ 589 FM SOUTH 50.114 S59A  
08271606 GW3XYW 57A IO71>IO90 50.120 G3IBI  
08271706 GW3JSV 57A 50.092 F5MUX2

# Reports of N. America

This month's TV and FM DX reports were submitted by Danny Ogleshorpe of Schreveport, LA; Jeff Kruska, Baton Rouge, LA; Pat Dyer, WA5IYX, of San Antonio, TX; Randy Miltier, K7RPM, Ashland, OR; Mike Cherry, VE7SKA, Salt Spring Is., BC Canada; and Jeff Kadet, K1MOD/9, Macomb, IL.

## NORTH AMERICA, General

08160500>NAM TV VID 61.250/61.260 V ZK1AA  
08160500>NAM TV VID 55.260(2)/55.245 V ZK1AA  
08192140 NAMERAICA VIDEO>GP36 55.250 B OX3LX

## North American Waters

08010004 WILP/MM EK79	50.130	W5ZN
08010032 WILP/MM EK89>EL49	50.121	W5SRT
08010034 WILP/MM EK89	50.121	W4DR
08010042 WILP/MM EK89>EM79 59	50.121	N8ZJN
08010045 WILP/MM EK89	50.121	N5ZHV
08010058 WILP/MM EK89>EN91 52	50.121	K3TLP
08010114 WILP/MM EK89	50.121	W8UW
08010200 WILP/MM EK89	50.121	W5ZN
08010210 WILP/MM EK89>EN53	50.121	WF9X
08010308 WILP/MM EK88>EL49	50.125	W5SRT
08010309 WILP/MM EK88>EM13	50.121	W5LUA
08042316 WILP/MM EJ87>EL87RH	50.125	W KD4ESV
08072042 WILP/MM EK06>EM21 59+>05.125	50.125	W W5SJC1
08170442 WILP/MM CM85	50.155	VE7VJZ
08170449 WILP/MM CM85>DN17	50.155	N7EIX
08200725 WILP/MM CM79>CM87	50.125	N9JIM/6

## ALASKA

08070552 KL7NO BP54 40' AUE	50.125	H VE7SKA
08070559 KL7NO >CN87 AUORAL	50.125	W7KQU
08070607 KL7NO BP54>DO33 AUE	50.125	VE6MK
08110430 KL7NO BP54>DN70MQ		K0GU
08110430 KL7NO BP71>CN85	50.125	H N7DB
08110430>W7YF BP71>DN70MQ		H K0GU
08110445 W7YF BP71>CN85		K7KD
08160335 KL7FAZ 58 >EN13	50.125	K0WLU
08200325 KL7NO WKG W6.7	50.125	NOXX/7
08200337 KL7NO BP54>DM43	50.119	AA7A
08200406 KL7NO BP54>CM87	50.125	N9JIM/6
08200408 KL7NO	50.120	N6JV
08200434 KL7NO BP54>CM87	50.119	H K6VP
08210338 KL7NO BP54>CM87	50.125	W7KQU
08210342 KL7FZ BP51>CN88	50.130	VE7SKA
08210342 KL7FZ BP54>CN88	50.125	VE7SKA
08210354 KL7NO BP54>DO20	50.125	VE6PY
08210542 KL7NO >CN87 >2 HRS	50.125	W7KQU
08210543 KL7FZ >CN87 >2 HRS	50.130	W7KQU
08210617 KL7HFQ BP51>CN87	50.111	W7KQU
08210618 AL7EB BP40>CN87	50.112	W7KQU

## BAHAMAS

08011452 C6AFP FL16>FN44	50.062	B K1TOL
08121436 C6AFP FL16>FN31	50.062	B W3EP/1
08121447 C6AFP FL16>FN42HE	50.062	B K1DAT
08121615 C6AFP FL16>FN20	50.062	B W3BO
08121629 C6AFP FL16>FN44	50.062	B K1TOL
08172247 C6AFP FL16>EM79	50.062	B W3JUN
08172314 C6AFP FL16>FM29	50.062	B N8ZWJL
08172325 C6AFP FL16>EM69	50.062	B K39C
08291454 C6AFP FL16>FM29	50.063	B W3JO

## CANADA, Eastern

07072017 VE1ZZ	FN84	S EH8BPX
07072023 VE1YX	FN74PJ	S EH8BPX
07072048 VE1RJ	FN84	S EH8BPX
07072127 VE1ZZ 579/529 JACK	FN84	C G4UPS
07072141 VE1YX 579/579 JOHN	FN95	C G4UPS
07072207 VELSMM 449>>569 -2322	B	G4UPS
07072225 CKVR 3 ON >B.R.LA	1130	T KRUSZKA
07072230 VE9AA 559/559 MIKE	FN65	C G4UPS
07122150 VE2PEP	FN46	S EH8BPX
07122152 VE9AA	FN65RR	S EH8BPX
07122208 VELSMM	FN75	S EH8BPX
07122209 VE1DQ	FN84	S EH8BPX
07221140 VE1IW 53 /54	FN84	S ON4KST
07221145 VE1DQ 559/549	FN84	C ON4KST
07221150 VE1YX WKG ON/PA>IO91	50.130	H G3HBR
07311948 CHBX 2 ON >LA	1098	T OGLETHO
07312108 CKPR 2 ON >LA TBT	1130	T OGLETHO
07312145 CHRO 5 ON >LA	1287	T OGLETHO
07312217 CBFT 2 PQ >LA	1414	T OGLETHO
07312222 CII12 2 ON >LA	1225	T OGLETHO
07312243 CBLT 5 ON >LA	1103	T OGLETHO
07312248 CKC02 2 ON >LA	1103	T OGLETHO
07312311 CJOH 6 ON >B.R.LA	1225	T KRUSZKA
07320021 CII1 6 ON >B.R.LA	1230	T KRUSZKA
08011506 VE1YX FN74>EN62	50.177	K9LRC
08020108 VA3DP EN58>FN44	50.125	K1TOL
08030132 VE3MRH EN77>DO21	50.125	VE6XT
08040258 VE3WNO FN03>EM18	50.175	K5BZM/0
08040301 VE3WT FN03>EM55	50.150	KU4AR
08040329 VE3DOT EN76>EM55	50.125	KU4AR
08040331 VE3OYL FN03>EM18	50.200	K5BZM/0
08040337 VA3MM FN03>EM18	50.150	K5BZM/0
08040347 VE3SXB EN72>EM18	50.150	K5BZM/0
08041551 VE3WDX 57 EN29>FN20	50.125	N3YGA
08041810 VE3TPX FN03>EM18	50.125	K5BZM/0
08042220 VE3OGI EN83 115'	50.140	S VE7SKA



08042235	VE3AX	FN02 115'	50.178	S	VE7SKA	08042221	VE5XT	DO21>FM29	50.150	WA3WUL	07032349	XHBS	4	SIN>B.R.LA	1130	T	KRUSZKA	
08050121	VE2PEP	FN46>EM55	50.150		KU4AR	08042227	VE7AGG	CN89>FM08	50.150	K4RTS	07052229	XHG	4	JAL>B.R.LA	1020	T	KRUSZKA	
08050129	VE3MRH	EN77>EM63	50.140		KE4FRZ	08042301	VE4VHF	EN19 599+	50.036	B WA8RJF	07142020	X	2	XHG<-5 > IL		T	KIMOD/9	
08050248	VE9AA	FN65>EM23	50.133	N	N15M	08050011	VE5SF	DO70	50.125	N6VJ	07152317	unID	3, 4, 5	XEW>B.R.LA		T	KRUSZKA	
08051001	VE1ZJ	FN95 CW	50.126		W4DR	08050021	VE5SF		50.125	N7K7	07160117	XHG	4	JAL>B.R.LA	1020	T	KRUSZKA	
08051401	VE3DSE	FN03>EM90	50.135		KD4MWO	08052356	C???	2 MB Winnipeg	> IL	T KIMOD/9	07170251	XEFE	2	TA > IL		T	KIMOD/9	
08051452	VE3TMG	EN82>EM90	50.150		KD4MWO	08060002	CKCK	2 SK > IL		T KIMOD/9	07200200	XHBC	3	BC	778	T	K7RPM	
08052215	C???	2ZON Toronto	> IL	T	KIMOD/9	08060140	VE4VHF	EN19>EM55	50.037	B KU4AR	07311815	unIDS	2, 4	MEXICO>LA		T	OGLETHO	
08052243	CFAP	2 PQ > IL		T	KIMOD/9	08060152	VE4VHF	EN19>FN43	50.036	B WAIT	07320145	X	2	> IL		T	KIMOD/9	
08060057	VE1YX	FN74>DM43	50.177		AA7A	08060155	VE4AS	EN29>EM55	50.207	KU4AR	08010010	XETRA-	BCN	Tijuana	91.1	F	WA5IYX	
08060120	VE1YX	FN74>DN74	50.177		K7TNT	08060156	VE6AT	>CM87	50.125	H KB6NAN	08010013	XHRM	BCN	Tijuana	92.5	F	WA5IYX	
08060158	VE3WMX/P	PEN29-FN10	50.135		N3JXJ	08060206	VE4AQ	EN19>EM28	50.140	K10LO	08010014	XHBC-	3	BCN	Mexicali		T	WA5IYX
08060207	VE3MBI	EN89-EM55	50.135		KU4AR	08060219	VE4IN/M	E001-EN82	50.133	W7WJ	08032310	XE2UZZL				B	XE2HNB	
08060244	VE3WMX/P	EN29-FM19	50.137		K3XS	08060222	VE4CP	E000-FM10	50.180	N3JXJ	08032318	XELKK				B	XE2HNB	
08060253	VE3WMX/P	EN29-FM20	50.137		K2XX	08060247	VE4MBQ	EN19>FN03	50.125	VA3MW	08051838	XE2UZZL	DM10 175'		50.027	B	VE7SKA	
08060926	VE3UBL	FM03>FM19 AU	50.058	B	K3XS	08060310	VE4AQ	59	50.135	W2ZKE	08081419	XELKK	EK09>DM43		50.023	B	AA7A	
08061035	VE1SMU	FM EAST TO WE	50.001	B	K1TOL	08060939	VE4VHF	EN16>FN44 AUR	50.036	B K1TOL	08091846	XE2UZZL	DM10>FM29		50.028	B	WA3WUL	
08061155	VE3UBL	FM03>FM29 AU	50.059	B	WA3WUL	08061303	VE4VHF AU		50.035	B N7EIJ	08091854	XE2UZZL	DM10>EN90		50.027	B	W3HH	
08061234	VE3HFW	EN94>FM43 AU	50.125		KALA	08061304	VE6EMB AU		50.039	B N7EIJ	08092050	XE3RCM	53		50.077	B	LW5EJU	
08061303	VE3UBL	FN03>FM43	50.058	B	KALA	08061306	VE6ARC AU	DO05>DN17	50.042	B N7EIJ	08140217	XE2UZZL	DM10		50.028	B	NJ2L	
08062248	VE3BW	AURORA FN03	50.125		W1JR	08062333	VE6EMU	DO33>DO21 AUR	50.040	B VE6XT	08161608	XE2UZZL	>CN85			B	N7DB	
08070517	VE3CTT	FN07-EM79 52A	50.130		N8ZJN	08062334	VE6/V2SWL	DO21 50'	50.125	C VE7SKA	08180451	XE2UZZL	>EM00		50.028	B	N5TSP	
08080223	VE3/W9DNI	EN29-EM83	50.125		N4CPM	08062335	VE7SKA	CN88>DO21 AUR	50.125	VE6XT	08180531	XE2UZZL	559 >DN17		50.028	B	N7EIJ	
08091307	VE3	FN04-EM950E			N4JAZ	08062339	VE7AGG/P	CO90 50' AU	50.125	S VE7SKA	08202009	XMI3PBX	AUR		50.125	W	VE3CTT	
08091609	VE3KTH		50.125		KJ9I	08070449	VE6EMU	DO33 60' AU	50.041	B VE7SKA	08232155	XELKK	59		50.023	B	LW5EJU	
08092154	VE3UBL	FN03>EM55 539	50.059	B	W4DUP	08070501	VE7AGG/7	DO00 60' AU	50.127	C VE7SKA	08232200	XEL1/G3SVD	59 ANDY		50.125	S	LW5EJU	
08092220	VA3DPB	EN48-EM90	50.125		KD4MWO	08070505	VE4VHF	AUR-E	50.036	B K1TOL	08232220	XE3RCM	55		50.0535	B	LW5EJU	
08120215	VE1IW		50.180		KJ9I	08082111	VE7AGG/7	DO01 60' TR	50.135	S VE7SKA								
08120237	VE1IW	FN84>EN50	50.180		N1HRW/9	08100317	VE4VHF	EN19>FN44	50.036	B K1TOL								
08120241	VE1IW	ARNIE FN84	50.180		KD4JXY	08100547	VE6BMM	DO31-DM62	50.125	N5JHV								
08120301	VE2BKL	FN48-EM95 59	50.134		NC4SA	08110457	VE6JMB	DO31-CM87	50.125	H K6FV	07072037	VO1ZA	339-->579 -2141			B	G4UPS	
08121522	VE3UBL	FN03 TORONTO	50.059	B	W4KGN	08110501	VE6EMU	DO33-CM87	50.040	B K6FV	07072047	VO1JN	44(9)			H	G4UPS	
08121842	VA3RCW	FN04-EM90	50.150		KD4MWO	08120316	VE4VHF	EN19>FN44	50.036	B K1TOL	08042036	VO1ZA		50.038	B	F5JUKS		
08131453	VA3ACP	EN92-EM90	50.125		KD4MWO	08120700	VE4CPU	E010>FM19	50.036	B W3NVBG	08060942	VO1ZA	AURORA			B	K1TOL	
08140036	VE3UBL	FN03>FM29	50.059	B	WA3WUL	08122229	VE4VHF	EN19>EN52	50.036	B W9RM	08141216	VO1ZA		50.037	B	W3EP/1		
08150228	VE3YD		50.145	H	K6FV	08140001	VE4VHF	EN19>FM29	50.037	B WA3WUL								
08150302	VE2LBZ/VE3	FM03	50.167	H	K6FV	08140138	VE4VHF		50.038	B KBLHY								
08160251	VE3JJA/3	E020>CN88	50.125	S	VE7SKA	08140215	VE4VHF	>FN12	50.037	B NJ2L								
08160325	VE9AA	FN65-CN88 95'	50.155	S	VE7SKA	08141205	VE4VHF		50.036	B W3EP/1								
08160333	VE3WMX/3	EN29 100'	50.125	S	VE7SKA	08141224	VE4VHF	EN19>FN04	50.037	B VE3FGU	08050006	HP2CNWB	SSB	50.110	W1RA			
08170441	VE3MRH	EN77>DN74 WY	50.125		K7TNT	08141314	VE4VHF	EN19>FN03	50.036	B VE3FIT	08050012	HP2CNWB	FJ09>EL87RH	50.125	W	KD4ESV		
08192211	VE2BKL	FN48-FM44 AUR	50.125		K1TOL	08141448	VE4VHF	EN19>EN90	50.036	B W3HH								
08200222	VA3EXT	CN39>DM93 58	50.125		K5OGT	08160248	VE4VHF	EN19>CN88 100'	50.037	B VE7SKA								
08201950	VE3CTT	FN07 WKG VE8C	50.125		K1TOL	08160324	VE7SKA		50.145	W VE9AA								
08202111	VE2BKL	FN48	50.125		K1TOL	08160339	VE4CP	E000>CN88 90'	50.125	S VE7SKA								
08262256	VE9AA	CQ AU CW	50.133		W3EP/1	08161600	VE4VHF	>CN85	50.136	N8NQS								
08262259	VE3UBL	FN03 AU	50.059	B	W3EP/1	08161648	VE4AA	EN19>CN85	50.135	K9LCR								
08262313	VE3EUV	EN93>FM08 57A	50.125		K4ZOO	08170311	VE4CPU	E010>EN72	50.135	N1HRW/9								
08290034	VE3UBL	FN03>FM19	50.058	B	K3XS	08170330	VE4CPU	E010>EN62	50.135	N1HRW/9								
08290401	VE1SMU	S5>EM79	50.001	B	N8ZJN	08170334	VE4CPU	E010>EN50	50.135	N1HRW/9								
08290432	VE1CZ	FN85>EM79 57	50.130		N8ZJN	08170337	VE4VHF	EN19>EN50	50.036	B N1HRW/9								
08291835	VE3ORD	FN02	50.125		W2R	08170359	VE4CP	E000>EN62	50.155	K9LCR								
						08170551	VE6ARC	DO05-CM87	50.125	N5TSP								
						08180429	VE7SKA		50.040	B VE6PY								
						08200044	VE6EMU	DO20-DO33 WEA	50.037	B W5OZI								
						08200152	VE4VHF	599-EM00	50.125	KA7YAO								
						08200159	VE4AAZ	EN19-EL49	50.140	KU4AR								
						08200213	VE7XP	CN89-EM55	50.138	W N7DB								
						08200237	VE6EGN	DO23-DO21 AUR	50.125	KA7YAO								

## NEWFOUNDLAND

07072037	VO1ZA	339-->579 -2141			B	G4UPS
07072047	VO1JN	44(9)			H	G4UPS
08042036	VO1ZA		50.038	B	F5JUKS	
08060942	VO1ZA	AURORA			B	K1TOL
08141216	VO1ZA		50.037	B	W3EP/1	

## PANAMA

08050006	HP2CNWB	SSB	50.110	W1RA	
08050012	HP2CNWB	FJ09>EL87RH	50.125	W	KD4ESV

## PRINCE EDWARD IS.

07072234	VY2ZSS	559/559 ROB	FN76	C	G4UPS
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## PUERTO RICO

08221310	KP4ELZL	>EM90	50.125		KD4MWO
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## ST PIERRE

07072046	FP5XAB	559-->579 -2150GN16		B	G4UPS
08021154	FP5XAB	>FM29	50.038	B	W3JO

## CANADA, Northern

08020424	VE8BY	FP53>FN44	50.049	B	K1TOL
08040408	VE8WD	DP22>EM79	50.020	B	N8ZJN
08052225	VE8BY	> EN400M	50.049	B	KA9CFD
08060941	VE8BY	AURORA	50.048	B	K1TOL
08062353	VE8BY	559 >KP01	50.049	B	OH1XT
08070314	VE8BY	FP53>FN84	50.049	B	VE1IW
08112315	VE8BY	AURORA E	50.048	B	OY9D
08130309	VE8BY	FP53>FN44	50.049	B	K1TOL
08130319	VE8BY	FP53>EN82	50.049	B	K8MD
08130646	VE8JL	DP22>DM08	50.125		KK7MP
08192140	VE8BY	599-GP36	50.048	B	OX3LX
08200021	VE8BY	FP53>FN44	50.049	B	K1TOL
08200041	VE8BY		50.049	B	VE9AA
08200222	VE8BY		50.049	B	N0XX/7
08201254	VE8C		50.125		W4DR
08201257	VE8C	FO01>EO91	50.125	VE	3XKBL
08201316	VE8C	FO01 SCATTER	50.125		W4DR
08202008	VE8C	FO01 AUR	50.125	W	VE3CTT
08210545	VE8SIX	0430-0500Z	50.008	B	W7KGU
08211627	VE8BY	FO01>FN43 NH	50.125		KA1A
08211842	VE8C	METEOR SCATTE	50.125	W	3EP/1
08211844	VE8C	FO01	50.125		KM1H
08218445	VE8BY			B	VE4CCC
08242146	VE8BY	599>GP36EW	50.048	B	OX3LX
08250010	VE8BY	599>GP36EW	50.048	B	OX3LX
08260015	VE8BY	599 FP53>GP36	50.048	B	OX3LX
08262237	VE8BY	599 FP53>GP36	50.048	B	OX3LX
08290537	VE8JL	DP22>DO20 57A	50.125		VE6PY



07110325 WNBC 4 NY > IL T KIMOD/9  
 07112115 WGRZ 2 NY > LA 1091 T OGLETHO  
 07112220 WVVB 4 NY > LA 1091 T OGLETHO  
 07112355 WTVH 5 NY > LA 1212 T OGLETHO  
 08020150 KB2XWV WNY>OKLA EM26 50.125  
 08020152 W2/K8ZES >OKLA EM26 50.125  
 08040250 KB2SGX FN12>EM28 50.190  
 08040307 N2YDF FN02>EM18 50.175  
 08040410 K2TVY FN02>EM18 50.125  
 08040421 K2 XX FN20>EM18 50.150  
 08041812 N2PTA FN22>EM18 50.150  
 08042238 WA2BPE FN12 115 50.160  
 08050051 KC2AHU FN23>EM55 50.135  
 08050240 K2DRH BOB EN41>FN53 50.177  
 08051256 K2DD FN20>FN42 50.069  
 08051417 N2RTQ FN24>EM90 50.150  
 08051505 N2TCR FN13>EM90 50.150  
 08060050 K2SIX FN20>EM18 50.125  
 08060111 K2DPPB FN21>CM87 MIKE 50.125  
 08060114 K2DPPB FN21>CM87 50.140  
 08060119 WA2LSK FN22>CM87 MIKE 50.140  
 08060119 WA2LSK FN22>CM87 MIKE 50.140  
 08061054 N2BJ EN61>FN44 AUR 50.142  
 08061055 K2MUB AUR 50.125  
 08061109 N2BJ EN61>FN44 AUR 50.142  
 08062341 WA2LSK FN22>FM29 AU 50.125  
 08091510 WCB5 2 NY > IL T KIMOD/9  
 08091558 N2NNB >EM26 OK 50.125  
 08091605 W2ZKE FN20>EM13 50.138  
 08120029 WA2LYS FN20>EM79 50.125  
 08121751 K2AGL FN31>EM90 50.150  
 08141243 K2GUB BACKSCATTER 50.106  
 08150222 W2CNS 50.125  
 08151641 K2ZRJ FM29>EN34FV Es 144 W NOHJZ  
 08200044 K2SIX 54 FN20>FN42 50.125  
 08200209 W2/K8ZES FN20>FN44 AUR 50.125  
 08202111 W2/K8ZES CQ AU LOUD! 50.125  
 08210225 W2/K8ZES FN20>FN22 50.145  
 08262256 K2MUB CQ AU CW 50.130  
 12080100 WA2CWA FN20>DM04 50.130

### United States, W3

07100120 WTAE 4 PA > B.R. LA 930 T KRUSZKA  
 07131117 WMAR 2 MD > IL T KIMOD/9  
 07131905 WRC 4 DC > LA 1042 T OGLETHO  
 07131905 WMSW- PA Pittsburgh 94.5 F W5IYX  
 07131915 WTTG 5 DC > LA 1042 T OGLETHO  
 07131928 WMAR 2 MD > LA 1072 T OGLETHO  
 07131202 WTAE 4 PA > B.R. LA 945 T OGLETHO  
 07131209 WRC 4 DC > B.R. LA 985 T KRUSZKA  
 07131225 WTAE 4 PA > B.R. LA 930 T KRUSZKA  
 08010030 WPSX 3 PA > B.R. LA 975 T KRUSZKA  
 08020429 WJHH EN90>DN74 50.068  
 08040528 WJHH EN90>DN74 50.068  
 08041358 WA3CSP FN11>EM90 50.125  
 08041403 N3YVM FN21>EM90 50.125  
 08060455 N3PBD FN02>DN74 50.125  
 08061007 W3CCX FM29>FN44 50.080  
 08061041 WA3JUL AUR 50.126  
 08070953 KDKA- 2 PA Pittsburgh T W5IYX  
 08091557 WA3GU FN11 50.145  
 08091606 WA3JUL FM29>EM26 OK 50.125  
 08091839 N3AH EM66>EN91 500MI 50.155  
 08092314 W3TC FN00>EM26 OK 50.125  
 08121712 W3SI FM18>EM90 50.125  
 08121745 N3JED FM10>EM90 50.125  
 08121800 N3YXX FM19>EM90 50.150  
 08131440 N3YGA FN33>EM40 50.125  
 08160329 K3JUL FN11>CN88 100' 50.125  
 08160412 W3HH EN90>CN88 100' 50.068  
 08200149 N3AH EM66>CN88 57 50.125  
 08201447 N3WCM EM46>EM90 50.125  
 08210433 W3SD PA. 50.125  
 08240534 K3ZTV 50.064  
 08291833 W3TC FN00>EM13 50.125

### United States, W4

07040133 K4YA EM25 S XE2HWB  
 07072350 WAVE 3 KY > B.R. LA 620 T KRUSZKA  
 07131000 WRAL 5 NC > IL T KIMOD/9  
 07131300 WUNC 4 NC > IL T KIMOD/9  
 07131300 WUND 2 NC > IL T KIMOD/9  
 07230415 WPBT 2 FL > LA 939 T OGLETHO  
 07230435 WFOR 4 FL > LA 939 T OGLETHO  
 07311635 WFOR 4 FL > LA 939 T OGLETHO  
 07311635 WPBT 2 FL > LA 939 T OGLETHO  
 07311658 WESH 2 FL > LA 789 T OGLETHO  
 07311815 WJSK 2 TN Sneedville T W5IYX  
 07311822 WKRR NC Asheville 92.3 F W5IYX  
 07311835 WTOR NC Winston-Sal04.1 F W5IYX  
 07311836 WWSK SC Mullins 107.9 F W5IYX  
 07311841 WTXW AL Guntersville 99.9 F W5IYX  
 07311841 WXBQ TN Bristol 96.9 F W5IYX  
 07311843 WRDU NC Wilson 106.1 F W5IYX  
 07311845 WTVJ 6 FL > LA 939 T OGLETHO  
 07311846 WLJA GA Ellijay 93.5 F W5IYX  
 07311848 WTFM TN Kingsport 98.5 F W5IYX  
 07311850 WUNC 4 NC > LA 875 T OGLETHO  
 07311854 WSP- KY Paintsville 98.9 F W5IYX  
 07311856 WOKS KY Paris 96.9 F W5IYX  
 07311905 WUND 2 NC > LA 1031 T OGLETHO  
 07311924 WSUV SC Charleston 96.9 F W5IYX  
 07311928 WKIX NC Goldsboro 96.9 F W5IYX  
 07311931 WJH- GA Hazlehurst 93.5 F W5IYX  
 07311932 WHLZ SC Manning 92.5 F W5IYX  
 07311933 WDOG SC Allendale 93.5 F W5IYX  
 07311938 WRMX SC Georgetown 97.7 F W5IYX  
 07311941 WYAV SC Myrtle Beal 104.1 F W5IYX  
 07312001 WCBD 2 SC Charleston T W5IYX  
 07312058 WITZ SC Blackville 99.9 F W5IYX  
 07312059 WBAW SC Barnwell 97.1 F W5IYX  
 07312106 WWAY 3 NC Wilmington T W5IYX  
 07312108 WRAL 5 NC > LA 896 T OGLETHO  
 07312205 WPMY 2 NC > LA 838 T OGLETHO  
 07312259 WSAV- 3 GA Savannah T W5IYX  
 07320145 WCBD 2 SC > IL T KIMOD/9

07320145 WEDU 3 FL > IL T KIMOD/9  
 07320145 WESH 2 FL > IL T KIMOD/9  
 07320145 WFOR 4 FL > IL T KIMOD/9  
 07320145 WPBT 2 FL > IL T KIMOD/9  
 07320145 WTVJ 6 FL > IL T KIMOD/9  
 07320145 WUPT 5 FL > IL T KIMOD/9  
 07320145 WUNC 4 NC > IL T KIMOD/9  
 07320145 WUND 2 NC > IL T KIMOD/9  
 08010003 KD4MWO EM90>DO21 50.150  
 08010003 KE4SV EM65>DO21 50.125  
 08010039 W4/KALNSV 50.156  
 08010040 K04MM 50.156  
 08010107 KB4TEQ EM73>DN17 50.125  
 08010115 KF4TH EM94>DM12 50.150  
 08010118 W4CHA EL88>DN17 50.079  
 08010125 WB4OQK EM81>DO21 50.240  
 08010129 W4PFM EM94>DM12 50.155  
 08010201 KF4GYD EM93>DM04 50.125  
 08010208 KA4DON EM70 125' 50.125  
 08010214 KB4TEQ EM73 120' 50.125  
 08011320 KC4XX EL98>FN44 50.077  
 08011321 W4CHA EL88>FN53 50.080  
 08011552 KQ4E EM86>FN40 50.067  
 08040304 N4ZC 50.150  
 08040316 NC4SA EM95>EN62 50.156  
 08040339 W4CHA EL88>DN74 WY 50.080  
 08040431 N4OGR FM18>EM18 50.150  
 08040457 WFMY- 2 NC Greensboro T W5IYX  
 08041414 KD4MWO EM90>EM18 50.125  
 08041446 KE4YD EL79>FN10 58 50.160  
 08041525 KD4HLG EM73>DN74 50.074  
 08042026 KB7WVY CM87>EM18 50.140  
 08042301 K4GYN EL88>FN42 50.081  
 08042305 KC4XX EL98>FN42 50.078  
 08042331 N4CH FM07 115' 50.125  
 08050204 N4JJ FM04>EM18 50.125  
 08050207 K4KOB EM77>EM18 50.200  
 08051200 KD4HLG EM73>FN42HE 50.074  
 08051359 AB4RQ FM15>EM18 59 50.125  
 08051508 KF4GYD EM93>EN82 50.135  
 08051522 W4CHA 599 EL88>EN82 50.080  
 08052225 W4GFP FN11>CM87 S W6GYD  
 08060050 KB4TEQ EM73 50.125  
 08060213 KF4CHA EM64 135' 50.125  
 08060952 W4CHA EL88>FN44 50.080  
 08061041 WPBT 2 FL > IL T KIMOD/9  
 08061442 W4CHA EL88>EN90 50.080  
 08061506 W4UDH EM52>EM90 50.130  
 08061554 WTOR- NC Winston-Sal04.1 F W5IYX  
 08061559 WRVB VA Richmond 94.5 F W5IYX  
 08061604 W4CJ 2 SC Charleston T W5IYX  
 08061612 WPMY 2 NC Greensboro T W5IYX  
 08061616 WBTB 3 NC Charlotte T W5IYX  
 08061626 WKRR NC Asheville 92.3 F W5IYX  
 08061628 WYFQ- NC Wadesboro 93.5 F W5IYX  
 08061629 WJAE NC Charlotte 90.7 F W5IYX  
 08061633 WLJA- GA Ellijay 93.5 F W5IYX  
 08061635 WKKT NC Statesville 96.9 F W5IYX  
 08061635 WXXR NC Hickory 95.7 F W5IYX  
 08061637 WPMX NC Statesville 105.7 F W5IYX  
 08061639 WESC- SC Greenville 92.5 F W5IYX  
 08061642 WTFM TN Kingsport 98.5 F W5IYX  
 08061646 W3KX TN Bristol 96.9 F W5IYX  
 08061648 WKXK VA Roanoke 92.3 F W5IYX  
 08061649 WVPV VA Roanoke 94.9 F W5IYX  
 08061653 WMEV- VA Marion 93.9 F W5IYX  
 08061659 WAIN KY Columbia 93.5 F W5IYX  
 08061700 WRVC KY Catlettsburg 92.7 F W5IYX  
 08061713 WXXL KY Lexington 94.5 F W5IYX  
 08061728 MYST KY Mystic 108.2 F W5IYX  
 08061730 FTK KY Fort Knox 109.6 A W5IYX  
 08061731 CCT KY Central C1109.8 A W5IYX  
 08061733 OWB KY Owensboro 108.6 A W5IYX  
 08061736 IPAH KY Paducah 108.5 A W5IYX  
 08061911 W4UDH EN50>EM52 50.125  
 08091400 W4 EM55>FN30 -1445 NQZHS  
 08091500 WUND 2 NC > IL T KIMOD/9  
 08091544 W4CHA EL88>EN91 50.080  
 08091547 KD4HLG EM73>EN82 50.074  
 08091556 KB4YD EL79>EN82 50.220  
 08091600 WWAY 3 NC > IL T KIMOD/9  
 08091624 W4YBEG EM75>EN82 50.141  
 08091635 KPBD 2 SC > IL T KIMOD/9  
 08091757 N4BG EM97>EN50 50.130  
 08091851 K4JP EM86>EM69 50.125  
 08091853 K4JP >EN61 50.125  
 08091916 K4SSO/M EM47>EN91 50.170  
 08091916 NG4C FM16>EN50 50.135  
 08091928 K4SSO/M EM47>FN21 50.170  
 08091949 K4SSO/M EM47>FN70 50.130  
 08091949 KB4TTQ 59- EN61 50.110  
 08100205 AA4MM ORLANDO, FL 50.125  
 08112000 W4HFN EM55>EN52 50.125  
 08112032 W4/WB2QLP EL96>FN42 50.140  
 08112041 K4SC EL98>FN42 50.105  
 08112052 W4/WB2QLP EL96>FN53 50.140  
 08112129 KC4XX EL98>FN20 50.077  
 08120103 NAJT TENNESSEE 50.125  
 08120107 K4ZOO VIRGINIA 50.175  
 08120109 KD4SBM TOM NC 50.170  
 08120137 KD4HLG 539 EM73>EN41 50.074  
 08120140 KN4QS EM64>EN52 50.145  
 08120142 KE4YD EL79>EN52 50.160  
 08120159 W4HFN EM55>EN52 50.148  
 08120247 KB4EFP EM78>EM12 50.140  
 08120447 W4CHA EL88>FN44 50.080  
 08121629 W4CHA, KC4XX B K1TOL  
 08121805 KC4XX EL98>EN90 50.076  
 08131511 W4OA EM50>EN90 50.073  
 08161509 KB4TEQ 52 EM73>CN85 W NTDB  
 08171535 WWAY 3 NC Wilmington T W5IYX  
 08171559 WCBD 2 SC Charleston T W5IYX  
 08172248 K4ULB EL96>FN29 50.140  
 08172248 W4HFN EL94>FN29 50.097  
 08172249 KC4XX EL98>FN29 50.077  
 08172249 W4CHA EL88>FN29 50.081  
 08180309 W4CHA EL88>FN12CS 50.080

08180344 WKRN 2 TN Nashville T W5IYX  
 08191658 WSB- 2 GA Atlanta T W5IYX  
 08191740 WKRN 2 TN Nashville T W5IYX  
 08191822 KB4TEQ EM73>DM26 50.125  
 08191857 KD4MWO EM90>EM18 50.140  
 08200112 AB4RQ FM15>EM40 50.125  
 08200126 K4ZOO FM08>DM26 50.125  
 08200148 KB4TEQ EM73>CN88 50.125  
 08200212 KF4OUH EL96>EN50 50.125  
 08200214 AA4HM EL98>EN50 50.130  
 08200256 W4UDH EM52>EN52 50.160  
 08200257 AA4HM EL98>EM28 50.132  
 08221701 W4/K9HUY EL86>FM19 50.125  
 08221711 W4CHA EL88>FM19 50.080  
 08272021+N4PPH EM95>FM19 <2112 AU W N3JPU  
 08291309 KU4UC EM82>EM90 50.140  
 08291420 W4HFN EM55>EN91 50.125  
 08291452 W4BG EM18>EM97 59 50.130  
 08291547 NB4XVO EN51>EM90 50.140  
 08291549 KD4MWO EM90>EN52 50.140

### United States, W5

07032156 KNME 5 NM > B.R. LA 955 T KRUSZKA  
 07032158 KOB 4 NM > B.R. LA 955 T KRUSZKA  
 07032204 KENW 3 NM > B.R. LA 760 T KRUSZKA  
 07032227 KDBC 4 TX > B.R. LA 910 T KRUSZKA  
 07040135 N5JEH DM65 S XE2HWB  
 07040138 WSKN EM40 S XE2HWB  
 07040139 KB5BY DM65 S XE2HWB  
 07040143 KC5JBO DM65 S XE2HWB  
 07040148 W5/NO1PL DM76 S XE2HWB  
 07040150 WD5K EM12 S XE2HWB  
 07080211 KENWT 3 NM 1201 T K7RPM  
 07120118 KENWT 3 NM T K7RPM  
 07122349 K5JEE H XE2HWB  
 07200015 N5WKM EM15 S XE2HWB  
 07200018 W5/W6VJ H XE2HWB  
 07200034 W5EUB H XE2HWB  
 07200044 W5FP H XE2HWB  
 07231432 KASA 2 NM > LA 753 T OGLETHO  
 07231458 KACV 2 TX > LA 501 T OGLETHO  
 07300106 N5JHV >PM85 50.111 H JE2DWZ  
 08010113 KD5CAV EL29 50.140 K3JTL  
 08021519 N5USA 59 >DN46 MT 50.125 KA7YAO  
 08040253 W5/WORRY EM26>FN31 50.125 K1VW  
 08041951 KASA 2 NM > CN88 160' T VETSKA  
 08050227 W5/NO1PL DM76 NM 50.217 W4DR  
 08050235 W5/N9KUW DM65>FN53 NM50.150 N1HOV  
 08050239 K5CQVV EM25 NELSON 50.170 KD4JXY  
 08050242 W5FKN EM13>EN82 50.160 N8PJP  
 08050246 AE5P EM21>EN82 50.144 N8PJP  
 08050301 W5FKN EM13>FN53 TX 50.160 N1HOV  
 08050758 KDTN 2 TX > IL (MS) T KIMOD/9  
 08051455 AE5P EM21>EN82 50.125 KB8U  
 08060047 N5JHV DM62>DN46 50.125 KA7YAO  
 08060052 K5CQV EL18>CM87 50.125 KB6NAN  
 08060110 KA5AAE EM06>DN46 50.155 KA7YAO  
 08060481 KDTN 2 TX > IL (MS) T KIMOD/9  
 08061430 N5WVK EN15>EM90 50.125 KD4MWO  
 08072335 W5SPW 50.125 N2JL  
 08072336 W5SPW DM95>EN91 50.125 WA8RJP  
 08080106 W5SPW DM95>DN46 50.125 KA7YAO  
 08080135 W5SBD DM93>DN46 50.125 KA7YAO  
 08080212 N5SMJ EM17>DM77 50.130 KX9X/0  
 08080244 W5DO DM65>DN46 CW 50.125 KA7YAO  
 08080252 W5/NO1PL NM >CM87 50.125 KB6NAN  
 08080253 K5SW EM25>FN44 50.125 K1TOL  
 08091400 W5 EM54>FN30 -1445 N2QHS  
 08091550 N5JHV DAVE DM62 50.135 WA1BCF  
 08091706 W5/KB6VFC EM34>EN90 50.135 K5C8AG  
 08091819 W5/NOEQ EM24>EN90 50.061 B W3HH  
 08091844 W5FKN S7 EM13 50.150 N9NS  
 08092106 W5RWW EM11>EN90 50.145 K5C8AG  
 08120031 W5/NO1PL DM76>DO21 50.125 VEXKT  
 08120101 N5SMJ EM17>EN90 50.130 K5C8AG  
 08120102 N5JHV DM62>DN46 50.125 KA7YAO  
 08120114 KB5ML EM26>FN12EX 50.125 W2ONP  
 08120117 W5/NOEQ EM24>FN12EX 50.062 B W2ONP  
 08120123 K5CQV EM12>FN12EX 50.125 W2ONP  
 08120125 W5SLU EM13>FN12EX 50.071 B W2ONP  
 08120127 W5NRI EM22>FN12EX 50.130 W2ONP  
 08120142 W5JHV DM62>DM47 50.125 K7JVT  
 08120149 W5/NO1PL DM76>DN46 50.125 KA7YAO  
 08120203 W5FKN BOB EM13 TX 50.170 N1HOV  
 08161805 N5JHV 559/529 DM62 C ONAKST  
 08171722 W5OZI DM90>EM83 50.066 B NA4I  
 08180128 W5EUB EL29>EN73 50.125 K8EB  
 08180346 N5TSP EM00>CN88 160' 50.125 VETSKA  
 08190134 W5/NOEQ EM24>FN44 50.060 B K1TOL  
 08191529 W5FP DM62>EM40 9+ 50.125 N5UXT  
 08191557 W5TPV EL07 50.125 K6EHA  
 08191607 W5NFC EM10>EM90 50.125 KD4MWO  
 08200015 K5CCT EM22 50.125 K2QE  
 08200034 W5/NOEQ EM24>FM29 50.062 B WA3WUL  
 08200114 K5CM EM25>FM08 50.135 K4ZOO  
 08200140 W5SXX EM33>FN20 50.155 K3PP  
 08200208 K5J5X DM83>EN82 50.150 W8RU  
 08200240 W5OZI DM90>EM79 50.067 B N8ZJN  
 08200248 W5/N9KUW DM65>EN50 50.180 N1HRW/9  
 08200250 W5/K1M EM12>EN50 50.125 N1HRW/9  
 08200301 K5TUA EL29>EN50 50.230 N1HRW/9  
 08200302 K5SJC EL41>EN52 MS 50.140 W9RM  
 08200315 K5CQV EM25>EN52 OK 50.170 W9RM  
 08200400 KENW 3 NM DM65>CN88 145' T VETSKA  
 08200413 W5/NO1PL DM76>EN50 50.125 N1HRW/9  
 08200432 W5/NO1PL DM76>EN61 50.125 K9NR  
 08200605 W5SK 53 EM12>CN85 W NTDB  
 08211515 W5SUUD EL49>EM40 50.125 N5UXT  
 08232133 W5UWB 59 EL17 JOHN 50.110 S LWSJEU  
 08232140 W5EUB 59 EL29 J.W. 50.125 S LWSJEU  
 08232145 K5CNOA 55 EL08 BOB 50.125 S LWSJEU  
 08250140 K5DDO DM79>EM20 50.125 K0TW  
 08271441 W5RCI EM44>EN70 AU 144.199 K9WMM  
 08291515 W5SUUD 50.150 N5UXT  
 08291539 N5WS EL09>EM90 50.140 KD4MWO



## United States, W6

07040140	KB6BF		S	XE2HMB	
07040190	N6XQ	DM12	S	XE2HMB	
070401945	N6CA	DM03	S	XE2HMB	
070401948	K6PHE	DM14	S	XE2HMB	
070401949	K6WV	DM12	S	XE2HMB	
070401949	K6IST	DM04	S	XE2HMB	
070401949	W6IWM		S	XE2HMB	
070401950	K6FCT		S	XE2HMB	
070401952	K6EAXZ	DM13	S	XE2HMB	
070401953	N6KEKZ		S	XE2HMB	
070401954	K6PXT	CM87	S	XE2HMB	
070401746	W6YN	CM88	S	XE2HMB	
070401750	K6QXY	CM88	S	XE2HMB	
070401259	K6CS-	2 CA Los Angeles	T	W5IYX	
08010005	KWST	CA Brawley 94.5	F	W5IYX	
08010009	KBZT	CA San Diego 94.9	F	W5IYX	
08022026	K6FV	CM87>DO21 50.069	B	VE6XT	
08032331	N6XQ	DM12	S	XE2HMB	
08040030	KRMA	6 CA > IL	T	KIMOD/9	
08040039	N6XQ	DM12	S	XE2HMB	
08040044	K6SYW	DM03	S	XE2HMB	
08040045	K6WB	DM13	S	XE2HMB	
08040323	W6LAC	FN01>EM18	50.175	K5BZM/0	
08042356	K6BTBY	CM96>DN46	50.125	K7YAO	
08050030	KTVU	2 CA >CN88 185'	T	VE7SKA	
08051846	N6XQ	DM12 180'	50.200	S	VE7SKA
08051853	K6CUIX	DM14 180'	50.200	S	VE7SKA
08060219	N6XQ	DM12>EM18	50.125	K5BZM/0	
08060244	K6ESYW	DM03>EM18	50.125	K5BZM/0	
08080015	K6KXYZ	DM34>FN12	50.125	NJ2L	
08080139	W6G/P	DM78>DN46	50.125	K7YAO	
08080208	K6EFT	DM04>EN91	50.125	W6RJF	
08080235	K6EFT	DM04>FM29	50.130	W6RJF	
08080235	W6PEV	DM15>FM29	50.125	W6RJF	
08091616	AA6DD		50.125	W6RJF	
08091940	N6XQ	DM12>FM29	50.215	W6RJF	
08091944	N6XQ	S9	50.135	W6RJF	
08110617	K6MYC	>CN85		S	N7DB
08110700	K6FV	>CN85	50.069	B	N7DB
08120112	N6JUV	CM98	50.130	N4XD	
08161556	K6FV	CM87>CN85	50.069	B	N7DB
08161601	K6BKN	CM88>CN85		B	N7DB
08161604	W6G 55	CM97>CN85		N7DB	
08170455	K6CIPF	CM80>CN89	50.130	VE7VDX	
08170250	K6FV	CM87>DO05	50.069	B	VE6AMB
08181822	K6BMAN	CM87>CN89	50.125	VE7VDX	
08191856	K6QVQ	DM13>EM18	50.140	K5BZM/0	
08201757	W6HAY	CM80>EM12	50.140	N5WD	
08207122	K6AAW	51A CN80>CN85	144 AU	W	N7DB
08270406	K6CIPF	CM80>CN87	50.180	KE7SW	

## United States, W7

07032204	KTVK	3 AZ >B.R.LA	1245	T	KRUSZKA
07032246	KPHO	5 AZ >B.R.LA	1245	T	KRUSZKA
07032254	KVOA	4 AZ >B.R.LA	1175	T	KRUSZKA
07040134	NE7X	DM43		S	XE2HMB
07040136	W7RV	DM43		S	XE2HMB
07040137	K7NO	DM33		S	XE2HMB
07040172	K7CA	DM25		S	XE2HMB
07040179	K7ICW	DM37		S	XE2HMB
07110100	KNAZ	2 AZ > IL		T	KIMOD/9
07110422	KTVK	3 AZ	841	T	K7RPM
07140025	KTVQ	2 MT > IL		T	KIMOD/9
07140136	KWCW	4 WY >B.R.LA	1275	T	KRUSZKA
07200118	KTVK	3 AZ	841	T	K7RPM
07200129	KVBC	3 NV	579	T	K7RPM
07231420	KNAZ	2 AZ > B.R.	1045	T	OGLETHO
07300007	KGNW	5 WY >B.R.LA	1045	T	KRUSZKA
07300230	KTVK	3 AZ >CN88 155'		T	VE7SKA
07311715	KLZY	WY Powell	92.5	F	W5IYX
07311751	KTAG	WY Cody	97.9	F	W5IYX
07312317	KTHQ	AZ Eagar	92.5	F	W5IYX
07312323	KLXK	AZ Show Low	93.5	F	W5IYX
07312324	KLXK	NV Las Vegas	98.5	F	W5IYX
07312325	KVBC	3 NV Las Vegas		T	W5IYX
07312328	KJUL	NV North Las 104.3		F	W5IYX
07312336	KNAZ	2 AZ Flagstaff		T	W5IYX
07312355	KTVK	3 AZ Phoenix 105'		T	W5IYX
08010024	K7MG	DM41>EN91	50.125	W6RJF	
08010024	W7GZ	DM42>EN91	50.225	W6RJF	
08010029	W7>W6WZG	DM47>DO21	50.126	VE6XT	
08010036	W7GZ	DM42>EN82 AZ	50.225	K8BU	
08010157	K7RAT	EM79>CN85 59	50.135	NX8M	
08021553	W7CI	DM41>DN46	50.125	K7YAO	
08021555	K7TNT	DN74>EN82	50.125	K8BU	
08021621	K7TNT	DN74>EN70	50.125	K9WM	
08022010	W7HQD	DN31>CN89	50.125	VE7ASS	
08022024	NW7K	DM09>DO21	50.040	B	VE6XT
08040304	K7TNT	DM74>EM79	50.170	N8ZJN	
08041700	KWCW	4 WY > IL		T	KIMOD/9
08041800	KXGN	5 MT > IL		T	KIMOD/9
08041855	KTWO	2 WY >CN88 120'		T	VE7SKA
08042002	W7QBS	CM87>EM18	50.125	K5BZM/0	
08042032	KNAZ	2 AZ >CN88 160'		T	VE7SKA
08042038	W7GE/P	CM90>CN88	50.125	VE7SKA	
08042041	KA7MCX	CM87>EM18	50.130	K5BZM/0	
08042053	W7HAH	DN26>FM08	50.135	K4ZOO	
08042056	W7QBS	CM96>FM08	50.125	K4ZOO	
08042058	KTVX	2 UT >CN88 150'		T	VE7SKA
08042101	W7HAH	DN26>FM29	50.135	W6RJF	
08042101	W57R	CM85>FM08	50.130	K4ZOO	
08042108	W7QBS	CM96>FM29	50.125	W6RJF	
08042111	W7HAH	DN28>FM08	50.065	B	K4ZOO
08042137	N7GVR	DN72 WY-FN03	50.125	VE3FIT	
08042206	W7HAH	SHEP DN26	50.145	W6RJF	
08042208	W7UOV	CM87>EN91	50.136	W6RJF	
08042212	N7YAP	DN07>FM08	50.150	K4ZOO	
08042221	N7YAP	DN07>FM41	50.150	W6RJF	
08042222	W7R	CM85>FM03	50.165	W6RJF	
08042229	N7YAP	DN07>FM03	50.150	W6RJF	
08042235	K7BP	ID DN13	50.135	W6RJF	
08042241	W7HAH	DN26 MT>FN42H	50.128	KIDAT	
08042248	W7NBH	CM96>FM03	50.155	W6RJF	
08042249	W7R	CM85>FM29	50.170	W2GE	
08042257	W7UOV	CM87>EN91 559	50.080	B	W6RJF

08042259	N7DB	CM85>EN91	50.064	B	W6RJF
08042300	W7HAH	DN28	50.061	B	W6RJF
08042304	W7NBH	CM96	50.155	N3SCR	
08042308	W7WB	CM92>FN31	50.130	K2WE	
08042310	W7PQE	CM96>FM08	50.125	K4ZOO	
08042316	W7NBH	CM96>FM08	50.130	K4ZOO	
08042342	W7/WALIED	CM87>FM08	50.125	K4ZOO	
08042347	K7IXD	CM96>FM08	50.130	K4ZOO	
08042347	W7MCX	CM87>FM08	50.130	K4ZOO	
08042352	K7YRL	CM89>FM08	50.125	K4ZOO	
08042359	N7LT	DN45>CM87	50.125	K6BMAN	
08042359	W7S	CM73>FM08	50.130	K4ZOO	
08050004	W7WB	PHIL CM92	50.130	W6RJF	
08050010	W7HAH	DN26>FM29	50.125	K6BMAN	
08050022	W7PQE	CM96>FM29	50.131	W6RJF	
08050040	W7UOV	CM87>FM29	50.154	W6RJF	
08050055	K7MF	DN08>CM87	50.125	H	K6BMAN
08050102	K7MF	WA 59 >CM98	50.125	W6RJF	
08050340	K7RAT	CM85>EM83	50.125	N4CPM	
08050340	K7YRL	CM85>EM83	50.125	N4CPM	
08050341	W7XR	CM85>EM83	50.125	N4CPM	
08051929	KNAZ	2 AZ >CN88 170'		T	VE7SKA
08060120	K7SP	DM33>DN46	50.170	K7YAO	
08060146	K7RAT	CM85>EM55	50.145	KU4AR	
08060154	K7RAT	CM85>FM29	50.145	W6RJF	
08060205	K7RAT	CM85>EM82	50.145	K8BU	
08060214	W7G	59 DN27>EM18	50.125	K5BZM/0	
08060220	K7TNB	DM22>EM18	50.125	K5BZM/0	
08060221	K7XC	DM09>EM18	50.125	K5BZM/0	
08060227	K7WO	2 WY >CN88 135'		T	VE7SKA
08061301	W7HAH	CM87>DO21 AUR	50.061	B	N7EIJ
08062331	W7KQU	CM85 60' AU	50.125	VE6XT	
08070416	W7KQU	CM85 60' AU	50.125	S	VE7SKA
08070444	W7HAH	DN26 60' AU	50.125	S	VE7SKA
08070453	W7KQU	DN28 60' AU	50.130	S	VE7SKA
08070456	W7HAH	DN26>CM87 AUR	50.125	W7KQU	
08070457	W7G	DN27>CM87 AUR	50.129	W7KQU	
08080003	NK7J	DM33>EN82 AZ	50.140	K8BO	
08080053	K7K	DM26>EM79	50.135	N8ZJN	
08080128	K7CA	NV>WI	50.125	N91SN	
08080143	W7G	DN27>EM28	50.130	KIOLO	
08080145	NW7O	DM26>EM28	50.140	KIOLO	
08080149	W7LRV	>OKLA EM26	50.124	W6RJF/5	
08080234	N7RNV	DM25>FM29	50.125	W6RJF	
08080235	NW7O	DM26>FM29	50.140	W6RJF	
08081645	W7CI	>CM87	50.125	K6BMAN	
08081738	K7CA	DM26 165'>CN88	50.125	S	VE7SKA
08081740	W7RV	DM43 155'>CN88	50.125	S	VE7SKA
08081757	K7GFP	DM16 155'>CN88	50.125	S	VE7SKA
08091550	W7CI	STEVE DM41	50.135	W6RJF	
08091659	W7CI	DM41>FM29	50.098	W6RJF	
08091717	K7MG	DM41>FM29	50.125	W6RJF	
08120113	N7TK	DM09>FM08	50.125	K4ZOO	
08120113	W7MG	DM08>FM08 NV	50.180	K4ZOO	
08120117	K7TUV	DM08>FM08 NV	50.125	K4ZOO	
08120131	K7CA	DM26>EM90	50.125	K4ZOO	
08121447	N7TGF	CM88 TR >CN81		S	W7QBS/7
08121517	K7TAVH	CM33 >CN81		S	W7QBS/7
08130353	W7	DN96 TR >CN74		S	W7QBS/7
08131612	N7WVZ	MS >CN74		S	W7QBS/7
08140222	W7KIA	WA >PM08	50.128	K4ZOO	
08140237	W7KQU	CM87>EM79	50.143	N8ZJN	
08140252	W7KQU	CM87>EM79	50.125	N9JIM/6	
08140262	N8PKN	DN27>EM12	50.125	N5WD	
08140262	N8ZJN	CM85>CN89	50.125	VE7VDX	
08150315	W6RJF	MT > FL	50.125	K9HUY/4	
08150318	W6RJF	MT > DM04	50.125	KE6PCT	
08160027	N7NKK	DM37>DN08	50.125	K7MF	
08191842	K7CA	DM26>EM90	50.125	K4ZOO	
08191843	K7CA	DM26>EM18 59	50.125	K5BZM/0	
08192347	N7ML	DN45>EM18 59	50.125	K5BZM/0	
08192347	N7ML	DN45>EM28 57	50.125	KIOLO	
08200121	K7CA	DM26>FM08 LAS	50.125	K4ZOO	
08200208	AB7UQ	DN52>EN50	50.250	N1HRW/9	
08200212	K7RAT	3 MT >CN88 110'		T	VE7SKA
08200218	K7RAT	DN52 TOM WY	50.250	AB4WS	
08200230	KHMT	4 MT >CN88 100'		T	VE7SKA
08200231	K7XW	CM96>EM55	50.180	KU4AR	
08200253	K7XW	CM96>EM83	50.185	N4CPM	
08200258	KXLF	4 MT >CN88 100'		T	VE7SKA
08200300	KBCI	2 ID >CN88 100'		T	VE7SKA
08200308	AB7UQ	DN52>EM28	50.250	KIOLO	
08200325	K7TJ	DN44>EM28	50.140	KIOLO	
08200326	KUTV	2 UT DN40>CN88 140'		T	VE7SKA
08200328	AB7UA	DN52>EM90	50.250	KD4VZ	
08200344	KE7NS	319 >CN85		B	N7DB
08200349	KNAZ	2 AZ >CN88 145'		T	VE7SKA
08200358	N7LT	DN45>CN85		W	N7DB
08200400	AB7CE	53 DN16>CN85		W	N7DB
08200403	W7HAH	59 DN26>CN85		W	N7DB
08200449	AB7UQ	WY DN52>EM12	50.250	N5WD	
08200607	W7/KAS9NF	53 DN30>CN85		W	N7DB
08201711	K7CA	DM26>DM91	50.130	W6RJF	
08201826	W7/6SKC	DM41>EM12	50.077	B	N5WD
08201828	W7GZ	DM42>EM12	50.068	N5WD	
08201828	K7TJ	DN44>EM12	50.125	N5WD	
08202053	AB7OS	DN43>EN50	50.125	N90BE	
08201705	N7EIJ	59A DN17>CN85 144 AU	W	N7DB	
082070300+>	W7	CM86, 87, 88, 96, 97 AURORA	W	K7GTF	
082070300+>	W7	DN08, DN18 AURORA>CN83LW	W	K7GTF	
08207402	W7BDHC	KN97	50.180	K6G1FP	
08207405	K7XW	WEAK NOW	50.190	VE7IHL	
08207409	K7AYAO	DN46>CN96	50.190	K7XW	
08207423	K7FF	CM98>CN87	50.125	W7BA	
08207429	K7GFB	KN83 >CN83	50.140	VE7VDX	
08207431	K7RAT	CM85>CN89 AU	50.160	VE7VDX	
08207431	W7PQE	CM85>CN89 AU	50.160	VE7VDX	
08207432	K7YO	CM86>CN89 AU	50.150	VE7VDX	
08207434	W7BDHC	KN97>CN89 AU	50.130	VE7VDX	
08271350	W7GJ	DN27>CN83LW AU	50.125	H	K7GTF
08271353	W7GJ	AUR DN26>DN46	50.125	K7AYAO	
08271421	W7FHI	CM96>DN46	50.125	K7AYAO	
08271532	W7FN	CM88>DN46	50.125	K7AYAO	



08061842 WDXU WI Waupaca 92.7 F W5IYX  
 08061845 WOLX WI Baraboo 94.9 F W5IYX  
 08061907 WTSC 3 WI Madison T W5IYX  
 08072108 KB9TXQ EM52>EM90 50.125 KD4MMO  
 08080127 W9ZLR EM89>DM14 50.135 WN6EKZ  
 08091637 N9LRT EN13>EM90 50.140 KD4MMO  
 08091719 KA9CXH EN62>EM90 50.150 KD4MMO  
 08092204 K9FYXZ EN45>EM55 50.160 WADUP  
 08092316 W9ZR >OKLA EM26 50.125 W9RRY/5  
 08120031 W9JN EN13>EM90 50.140 KD4MMO  
 08120036 KB9LIU EN45>EM90 50.125 KD4MMO  
 08120144 W9JN EN54>EM90 50.140 KD4MMO  
 08120216 KB9KJC EN52>EL49 50.135 W5ART  
 08120309 WB9STR EN61>FN44 S9+50.071 B KITOL  
 08131505 N9SVE EN63>EM90 50.125 KD4MMO  
 08131509 KF9WM EN70>EM90 50.150 KD4MMO  
 08160059 WBAY- 2 WI Green Bay T W5IYX  
 08161320 WBAY- 2 WI Green Bay T W5IYX  
 08170459 KA9LNP DN30>CN89 50.135 VE7VUX  
 08192111 W9JN EN54>EM40 50.125 N5UXT  
 08200327 WBAY- 2 WI Green Bay T W5IYX  
 08200413 W9JN 2 IN Terre Haute T W5IYX  
 08200437 WBEM- 2 IL Chicago T W5IYX  
 08200444 WTSC- 3 WI Madison T W5IYX  
 08217130 WB9TVU EN50>EN46 50.130 N9OBE  
 08217200 W9 EN70>EM84 144 AU W WB5APD/4  
 08291422 K9MAL EN54 WI 59 50.135 K4SX  
 08291424 K9BZ EN45>EM90 50.125 KD4MMO  
 08291427 N9WCX EN51>EM90 50.140 KD4MMO  
 08291439 N9ZYB EN52>EM90 50.125 KD4MMO

## United States, W0

07040141 WAOKDS DM33 S XE2HWB  
 07092312 KDHL 3 MN >B.R.LA 1080 T KRUSZKA  
 07092324 KDLT 5 SD >B.R.LA 990 T KRUSZKA  
 07092330 KSTP 5 MN >B.R.LA 1005 T KRUSZKA  
 07092359 KBME 3 ND >B.R.LA 1240 T KRUSZKA  
 07100029 KMTT 3 IA >B.R.LA 880 T KRUSZKA  
 07110350 KTVS 3 CO 1016 T K7RPM  
 07140025 KWGN 2 CO > IL T K1MOD/9  
 07200050 KOCS DM79 S XE2HWB  
 07200053 KA0BAD DM67 S XE2HWB  
 07210234 KSWK 3 KS 1176 T K7RPM  
 07231502 KWGN 2 CO > LA 806 T OGLETHO  
 07270315 KQTV 2 MO > LA 513 T OGLETHO  
 07270347 WTBX- MN Hibbing 93.9 F W5IYX  
 07270350 WQPM- MN Princeton 106.1 F W5IYX  
 07270351 WEVE- MN Eveleth 97.9 F W5IYX  
 07270359 KSCR MN Benson 93.5 F W5IYX  
 07270404 KMFF MN Grand Rapids96.9 F W5IYX  
 07270405 KRQC MN Detroit La102.3 F W5IYX  
 07270409 KRAK MN Jackson 105.7 F W5IYX  
 07270411 KMXX MN Cold Spring94.9 F W5IYX  
 07270437 KGAN 2 IA Cedar Rapids T W5IYX  
 07291354 KDLO- 3 SD Garden City T W5IYX  
 07292219 KQDS- MN Duluth 94.9 F W5IYX  
 07292225 KRCS MN Golden Vall92.5 F W5IYX  
 07292227 KDAL- MN Duluth 95.7 F W5IYX  
 07292228 WLRN MN Bunl 92.5 F W5IYX  
 07292230 WEVE- MN Eveleth 97.9 F W5IYX  
 07292234 KTCO MN Duluth 98.9 F W5IYX  
 07292238 KMFF MN Grand Rapids96.9 F W5IYX  
 07292239 KMXX MN Cold Spring94.9 F W5IYX  
 07292310 KDLO 3 SD >B.R.LA 1025 T KRUSZKA  
 07292317 KGAN 2 IA Cedar Rapids T W5IYX  
 07292317 KMTT 3 IA Mason City T W5IYX  
 07292342 KINT 3 SD >B.R.LA 1150 T KRUSZKA  
 07292358 KLNK 3 NE >B.R.LA 860 T KRUSZKA  
 07300007 KTVS 3 CO >B.R.LA 945 T KRUSZKA  
 07300025 KDHH 4 NE >B.R.LA 1050 T KRUSZKA  
 07300055 KMXX MN Cold Spring94.9 F W5IYX  
 07300058 KDAL- MN Duluth 95.7 F W5IYX  
 07300105 KIVL 5 SD >B.R.LA 1180 T KRUSZKA  
 07300109 WEVE- MN Eveleth 97.9 F W5IYX  
 07300129 KWGN 2 CO >CN88 120' T VETSKA  
 07312030 KINT 3 IA >B.R.LA 880 T KRUSZKA  
 07312036 KDHL 3 MN >B.R.LA 1080 T KRUSZKA  
 08010053 KBOMJD DOUG DN94 50.125 N7EIJ  
 08010056 AB0HF WAYNE EN13 50.125 N7EIJ  
 08010122 WBORM EN10>DO21 50.060 B VE6XT  
 08010152 NOLL EM09 125' 50.077 B VETSKA  
 08010152 W0MTK DM59 125' 50.065 B VETSKA  
 08010203 KA0CDN DN79 125' 50.065 B VETSKA  
 08010234 W0MTK DM59>DO21 50.065 B VE6XT  
 08010311 W0LMB EN13>EN91 50.125 WABRJP  
 08010340 W0/KL7MH EN00>FN42 50.140 WAIHOG  
 08010354 WBORM NE EN10>FN44 50.060 B KITOL  
 08010600 KOTLM EM29>FN44 50.125 KITOL  
 08010601 W0LMB SD EN13>FN42 50.125 WAIHOG  
 08010609 W0LMB EN13>FN03 50.125 VE3BW  
 08012339 KOGUV MN>DE CHIRPY 50.008 B W3WUL  
 08020040 NOLL EM09>FM29 50.078 B W3WUL  
 08020044 WBORM EN10>FM29 50.061 B W3WUL  
 08020057 W0AJRD EN10>FM19 50.135 KB3CBZ  
 08020101 WBORM EN10>FM19 50.060 B K3SX  
 08020148 W0/K5BZM EM18>FN44 50.125 KITOL  
 08020213 W0OSP EN17>EM95 59 50.130 NC4SA  
 08020238 KB0CWP EN11>FN10 57 50.159 N3XJX  
 08020333 W0/K5BZM EM18>FN44 50.170 KITOL  
 08020339 KBOMJD DN94>EN70 50.135 KF9WM  
 08020343 KBOMJD DN94>EM89 59+ 50.125 WTR  
 08020349 W0BPWA DN84>EN70 50.130 KF9WM  
 08020424 W0BPWA DN84>EN82 50.128 KB8U  
 08020425 W0BPWA S9+ DN84>FM19 50.129 K3SX  
 08020426 W0BPWA SD DN84>FN44 50.129 KITOL  
 08021658 K0PTK DN82>EN82 50.126 KB8U  
 08021905 W0LMB EN13>CN85 S7 50.125 W7XR  
 08022348 K0ETC EM27>FM29 50.070 B W3WUL  
 08030211 W0MTK DM59 50.065 B N5TSP  
 08032136 KOTA- 3 SD Rapid City T W5IYX  
 08032220 KELL SD Sioux Falls92.5 F W5IYX  
 08032226 KKRA- MN Bagley 96.7 F W5IYX  
 08032232 KKRA- MN Alexandria 92.3 F W5IYX  
 08032233 KQAA SD Aberdeen 94.9 F W5IYX  
 08032242 KQAA MN Morris 95.7 F W5IYX  
 08032245 KSEZ IA Sioux City 97.9 F W5IYX

08032248 KJJK- MN Fergus Fall96.5 F W5IYX  
 08032252 KSCR MN Benson 93.5 F W5IYX  
 08032259 KRQC MN Detroit La102.3 F W5IYX  
 08032308 KDLO- 3 SD Garden City T W5IYX  
 08032359 KGFE 2 ND Grand Forks T W5IYX  
 08040000 KCNC 4 CO > IL T K1MOD/9  
 08040000 KWGN 2 CO > IL T K1MOD/9  
 08040245 KA0GPA BOB DM79 50.202 WALECF  
 08040323 K0ETC JAY EM27 MO 50.195 WALECF  
 08040324 K0CS DM79>FM19 50.170 K3SX  
 08040334 K0AOSZ DM79>FM29 50.125 W3WUL  
 08040338 K0GU DN70>EM79 JAY 50.215 KD4EVB  
 08040342 KA0GPA DM79>FM29 50.202 W3WUL  
 08040352 K0SU DM78>FM29 50.180 W3WUL  
 08040403 W0PHD EN18>EM12 50.140 N5WD  
 08040410 K0TW DM79>FM29 50.145 W3WUL  
 08040418 K0ASZ DM79>EN82 50.130 KB8U  
 08040424 W8ERI DN70>FM29 50.140 W3WUL  
 08040441 K0CBA EM48>DM74 50.125 K7TNT  
 08040506 N0UXT EM09>EN82 50.077 B KB8U  
 08040509 K0ETC EM27>FM19 50.160 K3SX  
 08040604 KGAN 2 IA Cedar Rapids T W5IYX  
 08041320 W0/W7XU ARLISS EN13 50.125 WALECF  
 08041408 KB0QCR EN23 50.125 WALECF  
 08041516 W0BOSP EM37>EM90 50.135 KD4MMO  
 08041828 W0ZPE EN26>EM18 50.125 K5BZM/0  
 08041830 KBME 3 ND > IL T K1MOD/9  
 08041831 W0 CO DM59,69,78,79, DN70 50.065 B VETSKA  
 08041831 W0JR DM79 120' 50.065 B VETSKA  
 08041930 KWGN 2 CO >CN88 120' T VETSKA  
 08041932 W0MTK DM59 120' 50.065 B VETSKA  
 08041943 NOLL EM09>CN88 50.077 B VETSKA  
 08042017 W0/K5BZM EM18 120' 50.140 B VETSKA  
 08042046 WBORM EN10 120' 50.060 B VETSKA  
 08042100 KREG 3 CO >CN88 140' T VETSKA  
 08042153 W0ZPE EN26>EN91 50.125 WABRJP  
 08042200 NOLL EM09>FN42HE 50.077 B K1DAT  
 08042201 W0OSP EN17>EN91 50.130 WABRJP  
 08042210 WBORM EN10>FN42 50.061 B W1PO  
 08042257 K0GUV/0 EN24>FN53 50.129 N1HOV  
 08042300 KOGUV MN>EN61 50.007 B N9NMW  
 08042303 KNOP 2 NE >CN88 120' T VETSKA  
 08042330 KTCO 2 MN >CN88 110' T VETSKA  
 08042340 KOWLU EN13 125' 50.135 B VETSKA  
 08042342 K0TW 3 SD >CN88 110' T VETSKA  
 08042349 W0BULX EN04>FM08 CQ 50.140 K4ZOO  
 08042359 KQSD 2 SD >CN88 115' T VETSKA  
 08050007 W0BULX EN04 125' 50.140 B VETSKA  
 08050010 N0POH DM79>DO21 50.145 VE6XT  
 08050014 KQMA 2 ND >CN88 110' T VETSKA  
 08050105 W0AHFG DM98>FM29 50.134 W3WUL  
 08050137 W0OSP EN17>EM63 55 50.130 KE4FRZ  
 08050148 NDOJ EN13>EM63 55 50.132 KE4FRZ  
 08050152 W0LMB EN13>EM90 50.137 K4HMO  
 08050159 W0AHFG JIM DM98>FN53 50.145 N1HVO  
 08050210 W0TGY DM79>EM18 50.200 K5BZM/0  
 08050254 K0CWP EN11>EM55 50.146 KU4AR  
 08050458 W0/W7XU EN13>DM13+40 50.140 AA7A  
 08050612 W0/W7XU 59+40 >DM26 50.150 NW7O  
 08051514 NOLL EM09>DN74 50.077 B K7TNT  
 08051552 W0MTK DM59 145' 50.065 B VETSKA  
 08051603 W0/KX9X DM77 155' 50.125 B VETSKA  
 08051654 KA0BAD DM57 155' 50.125 H VETSKA  
 08060045 W0JR, NOLL B K6VF  
 08060049 AB0AH EM17>CN80 50.125 KC6IPF  
 08060103 W0/K5BZM EN18 50.125 KC6IPF  
 08060106 WBORM EN10>DO21 50.061 B VE6XT  
 08060108 W0JR DM79>DO21 50.065 B VE6XT  
 08060129 KA0JGH EN10>E091 50.135 VE3KBL  
 08060143 NOLL EM09>DO21 50.078 B VE6XT  
 08060207 W0/KX9X DM77>CM87 50.140 KB6NAN  
 08060247 WORC EN26>FN03 50.125 V3MWM  
 08060305 KOGUV EN26>FN44 50.008 B KITOL  
 08060309 KA0BAD DM57>FN44 50.125 KITOL  
 08060318 NOHNM ND EN06>FN44 50.130 KITOL  
 08061839 KKM1 IA Burlington 93.5 F W5IYX  
 08061850 KGAN 2 IA Cedar Rapids T W5IYX  
 08062008 KMTT 3 IA Mason City T W5IYX  
 08062038 NOLL EM09>FM29 50.078 B W3WUL  
 08062039 WBORM EN10>FM29 50.061 B W3WUL  
 08072321 W0MS DM79>EN82 CO 50.130 KB8U  
 08072328 NOLL EM09>FM29 50.078 B W3WUL  
 08072329 WBORM EN10>FM29 50.061 B W3WUL  
 08072353 W0LMB EN13>EN50 SD 50.125 N1HRW/9  
 08072356 W0AGX DM99>EM79 50.125 KD4EVB  
 08072358 NOLL EM09>EN50 50.078 B N1HRW/9  
 08080000 WBORM 50.060 B N1HRW/9  
 08080030 KGAN 2 IA Cedar Rapids T W5IYX  
 08080056 W0/KX9X DM77 S. CO. 50.185 NOLL  
 08080113 NOERG DM79>DN46 50.130 KA7YAO  
 08080114 KB0VMT DN70>DN46 50.125 KA7YAO  
 08080117 K0ODN DN78>DN46 50.125 KA7YAO  
 08080125 KA0ABA EN10>DM14 50.125 WN6EKZ  
 08080140 K0AMK EM39>DM91 50.125 WB5ZAM  
 08080155 W0/KX9X DM77>DN46 50.125 KA7YAO  
 08080158 KOTA- 3 SD Rapid City T W5IYX  
 08080222 KB0LXX EN17>EM83 50.125 N4CPM  
 08080222 W0OSP EN17>EM83 50.125 N4CPM  
 08080236 W0/K5BZM EM18>CN84 50.125 W7EW  
 08080236 W0/K5BZM 50.125 KB6NAN  
 08080242 W0AGX DM99>CM87 50.130 KB6NAN  
 08091629 W0W EM47>FM29 50.130 W3WUL  
 08091708 K0AABG 50.130 NM1K  
 08091822 K0ETC EM27>EN90 50.070 B W3HH  
 08091943 KB0QS EM47>EN90 50.125 KD4MMO  
 08092149 W0RPS EN31>EM90 50.125 KD4MMO  
 08092237 W0/K5BZM EN18>EN90 50.150 K8AGW  
 08100400 W0/W7XU MS CLG SM7BAE50.032 H W3WUL  
 08100404 KGAN 2 IA Cedar Rapids T W5IYX  
 08100407 W0/W7XU >EM90 50.125 KD4VUZ  
 08100459 W0/W7XU >CM87 50.125 H KB6NAN  
 08110455 W0JR, W0MTK, NOLL>CN85 B N7DB  
 08110533 KA0AD >CN85 S N7DB  
 08110533 K0GU DN70>QD10 50.061 H W6KGO  
 08112026 WBORM EN10>FM29 50.061 B W3WUL  
 08112027 NOLL EM09>FM29 50.078 B W3WUL

08112203 KTVI 2 MO St. Louis T W5IYX  
 08120024 WBORM EN10>FM19 50.060 B K3SX  
 08120028 K0ETC EM27>FM19 50.070 B K3SX  
 08120034 NOLL S9+ EM09>EM79 50.077 B N8ZJN  
 08120046 NDOJ EN31>EM79 50.135 N8ZJN  
 08120056 W0AJRD EN10>EM79 50.165 N8ZJN  
 08120057 W0AHFG DM98>EN90 50.130 K8AGW  
 08120118 K0ETC EM27>FN12EX 50.070 B W2ONP  
 08120518 NOLL EM09>FN44 50.077 B KITOL  
 08121432 NOLL EM09>EN90 50.077 B W3HH  
 08121438 K0ETC EM27>EN90 50.070 B W3HH  
 08121516 KA0BAE DM57 >CN81 S WB7QBS/7  
 08121645 WBORM EN10>EN90 50.060 B W3HH  
 08122222 NOZA DM59>EN52 50.125 W9RM  
 08140139 KA0BAD DM57 50.125 K2QE  
 08140139 WBORM EN10>FN12 50.060 B N7JL  
 08140140 NOLL 50.077 B N7JL  
 08140143 W0LD DM78 50.125 K2QE  
 08140152 KA0BAD DM57>FN42 50.125 K1MUC  
 08140216 W0LMB EN13>FM08 50.125 K4ZOO  
 08140241 W0SZ EN12>FM29 50.136 W2GE  
 08140349 KOGUV EN26>FN44 50.008 B KITOL  
 08140549 K0ETC EM27>CN87 50.070 B W7KQU  
 08140551 W0MTK DM59>CN87 50.065 B W7KQU  
 08141223 KOGUV 579C 50.008 B V63FGU  
 08150226 N0SP EN23 50.130 H K6VF  
 08150230 WBORM 50.060 B K6VF  
 08150244 K0ETC 50.125 H K6VF  
 08150248 W0LMB EN13 SD>CM87 50.128 S K6VF  
 08160203 KTCO- 2 MN Minneapolis T W5IYX  
 08160213 KUSD- 2 SD Vermillion T W5IYX  
 08161323 KTCO- 2 MN Minneapolis T W5IYX  
 08161328 KUSD- 2 SD Vermillion T W5IYX  
 08161359 KGFE 2 ND Grand Forks T W5IYX  
 08161425 KSTP- MN Minneapolis94.5 F W5IYX  
 08161426 KREG MN Golden Vall92.5 F W5IYX  
 08161429 KGAN 2 IA Cedar Rapids T W5IYX  
 08161456 NOLL MN Hibbing 93.9 F W5IYX  
 08161459 KMFF MN Grand Rapids96.9 F W5IYX  
 08161503 KMXX MN Cold Spring94.9 F W5IYX  
 08161508 NOLL, W0MTK >CN85 <1820 B N7DB  
 08161519 KJJK- MN Fergus Fall96.5 F W5IYX  
 08161522 KKOK MN Morris 95.7 F W5IYX  
 08161525 KTCR MN Fergus Fall103.3 F W5IYX  
 08161528 KPNW- ND Fargo 97.9 F W5IYX  
 08161529 WDAY- 6 ND Fargo T W5IYX  
 08161536 KQLX- ND Lisbon 106.1 F W5IYX  
 08161540 KQSD SD Aberdeen 94.9 F W5IYX  
 08161542 KSCR- MN Benson 93.5 F W5IYX  
 08161543 KMIT SD Mitchell 105.9 F W5IYX  
 08161559 KDHL- 3 MN Duluth T W5IYX  
 08161629 KBME 3 ND Bismarck T W5IYX  
 08170345 KB0HLS DM69>DN08 50.125 KK7MP  
 08170355 W0KQSD DN98>EN72 50.125 N8MQS  
 08180030 K0ETC EM27>FM29 50.070 B W3WUL  
 08180145 W0/K5BZM EM18 50.135 N4XD  
 08190126 W0ZQZ 59>FN42 50.150 W1CBI  
 08190133 WBORM EN10>FN44 50.060 B KITOL  
 08190340 NOLL EM09>FM19 50.078 B K3SX  
 08191729 KUSD- 2 SD Vermillion T W5IYX  
 08191758 KTVI 3 MO Kirksville T W5IYX  
 08191759 KGAN 2 IA Cedar Rapids T W5IYX  
 08191853 W0/K5BZM EM18>EN90 50.140 KD4MMO  
 08192338 NOLL 50.125 N7MT  
 08200011 W0BOSP KEVIN EM37 50.125 W2MMD  
 08200021 K0ETC EM27>FM29 50.070 B W3WUL  
 08200038 K0ETC EM27>FM19 50.070 B K3SX  
 08200105 NOLL EM09>FM19 KS 50.077 B K3SX  
 08200118 W0/W0AL DM79>FM08 50.135 K4ZOO  
 08200229 KQMA 2 ND >CN88 110' T VETSKA  
 08200238 W0MTK 519 >CN85 B N7DB  
 08200252 KB0PNE EM09>EN52 50.160 W9RM  
 08200258 K0TSD DM79>EN50 CO 50.167 N1HRW  
 08200259 KGAN 2 IA Cedar Rapids T W5IYX  
 08200301 K0PTK DN82>EM28 50.129 KITOL  
 08200303 W0LD DM78>EN50 50.128 N1HRW/9  
 08200307 KB0YH DM79>EN50 50.205 N1HRW/9  
 08200313 KTVI 2 MO St. Louis T W5IYX  
 08200324 KA0BAD DM57>CN85 W N7DB  
 08200327 KTCO- 2 MN Minneapolis T W5IYX  
 08200345 W0JR 419 >CN85 >0416 B N7DB  
 08200348 N0IPL >CN85 H N7DB  
 08200358 W0JR DM79>EM13 50.065 B W2NR  
 08200425 NOLL >CN85 B N7DB  
 08220221 W0MTK DM59>CN88 120' 50.065 B VETSKA  
 08220245 W0WDM DM78>CN88 125' 50.125 B VETSKA  
 08220259 W0MS DM79>CN80 50.125 KC6IPF  
 08220312 W0MS DM79>CN88 125' 50.125 B VETSKA  
 08221731 KOTLM EM29>EM79SD 50.125 W8MM  
 08240326 N0BOQ EM42>FM29 50.062 B W3WUL  
 08241700 N0IPL >1845 W V4CBO  
 08250208 KA0PCW EN33>FN20 50.225 W3CC  
 08270848 KB0VFP FN24>FM29 AU 50.125 W3WUL  
 08272100 KOWLU 144 AU W NOIT  
 08291458 KB0VMT DN70>EN91 50.125 WABRJP  
 08291536 KB0IXC EN25>EM90 50.140 KD4MMO

## Reports of Oceania

### Oceania, Central Pacific Waters

08110030 W4CLM/MH CM08>CN85 50.125 S W6XR  
 08110253 W4CLM/MH BM98>CN88 240' 125 S VETSKA  
 08110300 W4CLM/MH <CN85 K7XD  
 08110430 W4CLM/MH BM98>CN85 H N7DB  
 08110508 W4CLM/MH BM98>CN87 50.125 S K6VF

### AUSTRALIA, General

08220141 VK TV VID S2 >RE57OM 46.240 V ZL3TY  
 08220208 VK TV VID S9 >RE57OM 51.74 V ZL3TY

### Australia-New South Wales

08171046 VK2 ch0 >PM85 46.24 V JE2DWZ



## Australia-Victoria-VK3

08220150 VK3TMP 55 >RE570M 50.150 ZL3TY  
08220157 VK3XLD 53 >RE570M 50.130 ZL3TY  
08220204 VK3ZYS 31 >RE570M 50.130 ZL3TY

## Australia-Queensland-VK4

07310942 VK4DO 50.120 S JA1VOK  
08041030 VK4 ch0 >QM05 46.172 V JA1VOK  
08041100 VK4DO >QM05 50.110 C JA1VOK  
08061020 VK4 ch0 >QM05 46.172 V JA1VOK  
08061027 VK4DO >QM05 50.110 S JA1VOK  
08061032 VK4DO 50.110 JA9WKE  
08061036 VK4RIK >QM05 52.445 B JA1VOK  
08080734 VK4 ch0 >QM05 46.172 V JA1VOK  
08090100 VK4 ch0 >QM05 46.172 V JA1VOK  
08130903 VK4 ch0 >PM85 46.172 V JE2DWZ  
08150835 VK4DO >QM05 50.110 S JA1VOK  
08150850 VK4 ch0 >QM05 46.172 V JA1VOK  
08150909 VK4FNO >QM05 50.180 S JA1VOK  
08170854 VK4JH >PM63 50.110 S JA5CMO  
08170936 VK4JH SSB 50.115 JA9LSZ  
08171021 VK4JH 50.150 V73AT  
08171046 VK4 ch0 >PM85 46.172 V JE2DWZ  
08171046 VK4RIK >PM85 52.445 B JE2DWZ  
08171140 VK4RIK >QM05 52.445 B JA1VOK  
08200930 VK4 ch0 >QM05 46.172 V JA1VOK  
08210918 VK4 ch0 >PM85 46.172 V JE2DWZ  
08221037 VK4 ch0 >PM85 46.172 V JE2DWZ  
08221145 VK4JH >PM64 50.110 H JH4JPO  
08221148 VK4RIK >PM64 52.445 B JH4JPO  
08230244 VK4 ch0 >PM85 46.172 V JE2DWZ  
08290903 VK4JH SSB 59+ 50.130 JG2MLI  
08290927 VK4JH CW 50.098 JA2TBS

## West Australia-VK6

08150849 VK6JQ >QM08 50.090 C JA7QVI  
08170828 VK6AO/6 >PM95 50.110 S JE1TGN  
08171005 VK6JQ CW 50.090 JA9LSZ  
08201113 VK6JQ >QM05 50.103 H JA1VOK

## Australia-Tasmania-VK7

08220141 VK7RAE 539 > RE570M B ZL3TY

## Australia-Northern Territory

07281155 VK8VF >PM64 50.057 B JH4JPO  
08281205 VK8AH >PM64 50.140 S JH4JPO  
07281208 VK8AH >PL36 50.140 S JR6QWV  
07281209 VK8AH >PL36 50.140 S JR6VSP  
07281209 VK8VF >PL36 50.057 B JR6VSP  
08041129 VK8VF >QM05 50.057 B JA1VOK  
08041134 VK8AH >PM63 50.110 S JA5CMO  
08041135 VK8AH >QM05 50.110 S JA1VOK  
08041142 VK8AH >PM96 50.130 JH1WHS  
08041207 VK8AH 50.130 JH2SMW  
08041209 VK8AH >PL36 50.130 S JR6VSP  
08061020 VK8VF >QM05 50.057 B JA1VOK  
08061050 VK8AH >QM05 50.110 S JA1VOK  
08061053 VK8AH 50.110 JA9WKE  
08061212 VK8AH 59+ >QM05 50.110 S JA1VOK  
08081200 VK8VF >QM05 50.057 B JA1VOK  
08081205 VK8VF >PM85 50.057 B JE2DWZ  
08081235 VK8VF >PM63 50.057 B JA5CMO  
08121109 VK8VF 559 50.057 B V73AT  
08121305 VK8VF >PL36 50.057 B JR6VSP  
08121308 VK8AH >PL36 50.110 S JR6VSP  
08121310 VK8MS >PL36 50.130 S JR6VSP  
08141450 VK8VF S1 PH57 50.057 B J33ZKE  
08150812 VK8RAS >QM05 50.0465 B JA1VOK  
08170834 VK8VF 50.057 B KH7R  
08171046 VK8VF >PM85 50.057 B JE2DWZ  
08201045 VK8VF >QM05 50.057 B JA1VOK  
08201133 VK8AH >PM63 50.110 S JA5CMO  
08201139 VK8AH >QM05 50.130 S JA1VOK  
08201149 VK8AH SSB STRONG 50.130 JA9LSZ  
08201251 VK8VF 50.057 B V73AT  
08211110 VK8VF >PM85 50.057 B JE2DWZ  
08211115 VK8VF >QM05 50.057 B JA1VOK  
08221111 VK8VF >PM85 50.057 B JE2DWZ  
08221140 VK8VF 50.057 B V73AT  
08221153 VK8RAS >PM64 50.0465 B JH4JPO  
08221220 VK8VF DARWIN PH57 50.057 B JA9LSZ  
08241120 VK8VF >PM64 50.057 B JH4JPO  
08241130 VK8VF >QM05 50.057 B JA1VOK  
08250955 VK8VF 50.057 B V73AT

## BELAU

08010644 T88LJ >QN03 50.125 S JA8JEP  
08010652 T88LJ >QN03 50.125 S JA8TSG  
08010819 T88LJ >QM05 50.125 C JA1VOK  
08010825 T88LJ >PM74 50.125 C JF3QJR  
08010832 T88LJ >PM74 50.125 C JA3BGE  
08010832 T88LJ CW CQ 559 50.124 JA3BGE  
08010833 T88LJ >PM75 50.125 C JA3JTG

**HAWAIIAN IS.** Unless otherwise noted, all ZK1AA's reports are via TEP. All reports of KH6HME on 144 & 432 MHz (on the west coast) are tropo.

07300615 KHON 2 HI -1315 55.26 V ZK1AA  
07300615 KPVE 5 HI Honolulu 77.25 V ZK1AA  
07300615 KGMV 3 HI Wailuku 61.25 V ZK1AA  
07300615 KH6HME 50.061 B ZK1AA  
07300615 KHBC 2 HI Hilo 55.25 V ZK1AA  
07300615 KITV 4 HI Honolulu 67.24 V ZK1AA  
07301500 KHON 2 HI -1600 55.26 V ZK1AA  
07311450 KHON 2 HI -1520 55.26 V ZK1AA  
08010750 KH6HME + HI TO CH5 50.061 B ZK1AA  
08010750 KHON 2 HI -0945 55.26 V ZK1AA  
08011445 KHON 2 HI -1545 55.26 V ZK1AA

08020625 KHON 2 HI -1245 55.26 V ZK1AA  
08020625 KH6HME 2 HI TO CH4 50.061 B ZK1AA  
08030930 KHON 2 HI -1330 55.26 V ZK1AA  
08030930 KH6HME 2 HI TO CH5 50.061 B ZK1AA  
08040840 KHON 2 HI -1240 55.26 V ZK1AA  
08040840 KH6HME 2 HI TO CH4 50.061 B ZK1AA  
08050650 KHON 2 HI -1220 55.26 V ZK1AA  
08050650 KGMV 9 HI TEP 187.24 V ZK1AA  
08050650 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08060705 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08060705 KHON 2 HI -1425 55.26 V ZK1AA  
08061450 KHON 2 HI -1540 55.26 V ZK1AA  
08080620 KHON 2 HI -0650 55.26 V ZK1AA  
08082310 KH6WU >PM95 50.107 C JU1NLR  
08101120 KHON 2 HI -1200 55.26 V ZK1AA  
08101540 KHON 2 HI -1610 55.26 V ZK1AA  
08102324 KH6HME & (11)0003 B WX7R  
08110533 KH7R BL01>DN70MQ W KOGU  
08110535 KH7R BL01>CM87 50.140 S KF6V  
08110546 KH6HI BL01>CM87 50.064 B KF6V  
08110554 KH6HME >CM87 50.061 B KF6V  
08110615 KHON 2 HI -1215 55.26 V ZK1AA  
08110615 KH6HME 2 HI TO CH 4 50.061 B ZK1AA  
08120630 KHON 2 HI -1215 55.26 V ZK1AA  
08120630 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08121440 KH6HME 569 TR >CM87 144.17 B KF6V  
08121926 KH6 WEAK > CM87 50.061 B KB6NAN  
08130635 KHON 2 HI -1315 55.26 V ZK1AA  
08130635 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08140635 KHON 2 HI -1050 55.26 V ZK1AA  
08140635 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08160630 KHON 2 HI -1305 55.26 V ZK1AA  
08160630 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08170610 KHON 2 HI >1345 55.26 V ZK1AA  
08180650 KHON 2 HI -1209 55.26 V ZK1AA  
08180650 KH6HME 2 HI TO CH 5 50.061 B ZK1AA  
08180829 KH6HME 50.061 B V73AT  
08190610 KHON 2 HI -1135 55.26 V ZK1AA  
08201320 KHON 2 HI -1600 55.26 V ZK1AA  
08210750 KHON 2 HI -0900 55.26 V ZK1AA  
08210750 KHBC 2 HI TO CH 4 55.25 V ZK1AA  
08220700 KHON 2 HI -1430 55.26 V ZK1AA  
08230620 KHON 2 HI -1140 CD 55.26 V ZK1AA  
08240615 KHON 2 HI -1225 55.26 V ZK1AA  
08240615 KH6HME 2 HI TO CH 5 50.062 B ZK1AA  
08240818 KH6HI 50.065 B V73AT  
08240818 KH6HME 50.061 B V73AT  
08241445 KHON 2 HI -1610 55.26 V ZK1AA  
08250552 KHON 2 HI -1212 55.26 V ZK1AA  
08250552 KH6HME 2 HI TO CH 5 50.062 B ZK1AA  
08260030 KH6HME >DM03 432.077 & 144.17 B K7JA/6  
08260548 KHON 2 HI -1128 55.26 V ZK1AA  
08260548 KH6HME 2 HI TO CH 5 50.062 B ZK1AA  
08261225 KHON 2 HI -1620 55.26 V ZK1AA  
08270500 KHON? 2 HI -0505 55.26 V ZK1AA  
08270820 KHON 2 HI -0840 55.26 V ZK1AA  
08271155 KHON 2 HI -1700 55.26 V ZK1AA  
08280500 KHON 2 HI -1025 55.26 V ZK1AA  
08281417 KHON 2 HI -1542 55.26 V ZK1AA  
08290519 KHON 2 HI -0821 IN/OUT V ZK1AA  
08290539 KH7U 50.110 V73AT  
08290925 KHON 2 HI -1053 55.26 V ZK1AA  
08291157 KHON 2 HI -1329 55.26 V ZK1AA

## MARSHALL IS.

08080759 V73AT W/TE FLUTTER 50.125 KH7R  
08170833 V73AT 50.110 KH7R  
08310947 V73AT A452N#  
08311046 V73AT YB0 #

## Minami-Tori Is.

08090336 J01BIY (M) >QM05 50.115 S JA1VOK  
08090552 J01BIY >QM05 50.115 S JA1VOK

## NEW ZEALAND

08221045 ZL TV VID AU >RE570M 45.25 V ZL3TY

## OGASAWARA IS.

08010804 J01BIA (O) >QM05 50.110 S JA1VOK  
08090440 J01BIA >PM85 50.120 S JE2DWZ

## PAPUA/NEW GUINEA

08151124 P29KFS >QM05 50.110 S JA1VOK  
08171255 P29KFS >PM85 50.110 H JE2DWZ

## TONGA

08110834 A35NQ >QN12 50.110 C JA8TMP  
08110907 A35NQ >QN00 50.110 S JE7CAI  
08120746 A35NQ >PM94 50.110 C JH2COZ  
08121111 A35NQ AG28 50.110 V73AT  
08121116 A35VH 559 50.110 V73AT

## Reports of S. America

### ARGENTINA

08091829 LU3ENK GF05 50.110 S59A  
08091843 LU4ML PF57>IN87 50.111 F5JXX  
08091847 LU4ML 50.112 PA3ANV  
08091848 LW5EJU NESTOR GF05 50.115 F5JXX  
08091912 LW5EJU GF05VM>J081LC 50.115 SP6ASD  
08091915 LU4ML 50.120 GJ4ICD  
08232128 LU9AEA, LW5EJU GF05>EL17AX W WSUWB  
08232128 LU1DMA, LU9APM, LU3EMK >EL17 W WSUWB  
08232130 LU (LOTS) GF05>EL83TD W CO2QJ  
08232135 LW4DIR, LU7DTU GF05>EL17AX W WSUWB  
08262340 LU3ENK >FK68 W WP40  
08262350 LU1DMA, LU9APM, LU1EGG >FK68 W WP40  
08270000 LU8MBL, LU8JBO, LU7FA > FK68 W WP40

## BRAZIL

08010034 PU5ANB 50.110 PP5JD  
08010103 PY3JZ 50.160 PP5YZ  
08121848 PY5CC 59 50.110 ON4ANT  
08131906 PY5CC 59 50.105 ON4GG  
08131934 PY5CC 59+30 50.105 ON4GG  
08232016 PY5CC 50.110 ON4GG  
08232021 PY5CC 50.105 DF4UE  
08232027 PY2AA >I091 55 50.060 B ON4AG  
08232027 PY5CC 50.105 GOLCS  
08232029 PY5CC 50.105 ON4GG  
08232030 PY2AA 50.060 B ON4ANT  
08232032 PY1AA 50.052 B ON4AG  
08232040 PY5CC -2110 50.110 SP6ASD  
08232045 PY5CC 50.105 G6YIN  
08232300 PY2AA 50.059 B PY2RO  
08251928 PY5CC 50.110 DJ4ZB  
08270427 PP5YZ 50.110 PP5JD  
08270433 PY3EE SCHADECK 50.110 PP5JD  
08270559 PY1YB 50.110 PP5JD

## PARAGUAY

08081653 ZP6CW 59 >GF05TF 50.110 S LW5DX  
08252002 ZP6CW 50.112 4Z5JA

## URUGUAY

08262341 CX4II, CX6DH >FK68 W WP40

## DX Operations

**ZW4, BRAZIL:** Marcus/PY4SM, Pedro/PY4TF, Arthur/PY4ART and Ailton/PY4ACL will be on the air as ZW4SM from September 4-6th, in celebration of the 176th anniversary of the "Independence of Brazil". In addition to HF (7 kHz up on CW), they promised operation on 50.110.

**NAURU, C21JH:** Jack, VK2GJH, will be QRV until September 5 on 80 to 6 meters, but mainly on the newer bands.

**Greenland:** OX3HI-Holger will soon be QRV on 6m from GP3??. He plans to use a 5 el Tonna beam pointed EAST. Equipment is an Icom 706 which he will attempt to remote from a small mountain and run as a beacon on 50.042 MHz.

**VK9C & VK9X, COCOS-KEELING AND CHRISTMAS ISLANDS:** Charlie, W0YG, currently in South Africa, and George, W8UVZ, will operate from Christmas and Cocos Islands from February 6, 1999, until February 20, 1999. They will spend a week at each location. Although emphasis will be primarily on the low bands, they will attempt some 6m activity.

**C56, THE GAMBIA:** Members of the Bavarian Contest Club are organizing a DXpedition to Gambia in October, 1998, for the CQWW DX SSB contest. They will depart October 14 and stay til October 27. They have requested authorization for 6m.

**Maldives:** A Japanese group has announced a trip to Lohifushi Is. from Sept 15 to Sept 23 and plan to put 8Q7BB beacon on 50.105, QSX >50.135.

**9V8SEA:** Seant Convention office recently announced that the special station, 9V8SEA will be active including 6m from 02z on November 13 to 07z on 15th during '98 SEANET CONVENTION. 6m will be run on 50.085 CW or



50.115 SSB with FT-620B (10W) and 6el Yagi. More information can be via 9V1YJ, msksg@com.sg Tnx JA1VOK.

**Alaska:** Steve, VK3OT/VK3SIX, plans to be back in BP51 as KL7SIX from Sept. 21 to Dec. 21, 1998.

**W1LP/mm:** Clint is scheduled to leave San Francisco headed south at the end of August after making a big splash on the west coast USA from various CM6\*, CM7\*, CN6\*, and CN7\* water grids on his trip up the coast.

### Beacon News

**GB3BUX:** 50.000 and 70.000 MHz beacons are back on the air as of July 23 after antenna repair.

**OK0EK:** in JN85of is on 50.012. Send reports to OK2OKM.

**OX3SIX:** One of the intentions of OX3LX and OX3LG this summer was to put a 100W beacon on 6m at 100m ASL. No reports of it, but see Greenland under DX Operations. Tnx SM7AED.

**OZ7IGY:** 50.021 is off the air due to lightning damage. #

### QSL Information

**ZW4SM:** QSL via the Bureau or via PY4SM - P.O. Box 120, Belo Horizonte - MG, 30.123-970, Brazil

**C21JH:** direct to Jack Harden, Box 99, Ryde, NSW 1680, Australia.

**8Q7BB:** via JR2KDN (Buro or SAE+IRC or GS) Yuu Yoshida, 4th Floor Kato Bldg, 529 Rokugaikie, Kita-ku, Nagoya, 462-0002 Japan

**VP5KE:** via N4KE.

**SO5ASL:** via G4ASL.

**9H3AY:** (Gozo Island) via G3SDG.

**4L5O:** via TA7A.

### A Friendly DX-Window Discussion?

Sometimes discussions at these VHF get-togethers can get spirited. Here the late ZL1MQ jabs at W6JKV. The guy in the middle is W5UWB. The occasion was a SMIRK gathering at the October 1983 ARRL National Convention (Houston Astroworld Hotel). Tnx WA5IYX.

